# PONTE SULLO STRETTO DI MESSINA



## PROGETTO DEFINITIVO

## EUROLINK S.C.p.A.

IMPREGILO S.p.A. (MANDATARIA)
SOCIETÀ ITALIANA PER CONDOTTE D'ACQUA S.p.A. (MANDANTE)
COOPERATIVA MURATORI E CEMENTISTI - C.M.C. DI RAVENNA SOC. COOP. A.R.L. (MANDANTE)
SACYR S.A.U. (MANDANTE)
ISHIKAWAJIMA - HARIMA HEAVY INDUSTRIES CO. LTD (MANDANTE)
A.C.I. S.C.P.A. - CONSORZIO STABILE (MANDANTE)

| IL PROGETTISTA | IL CONTRAENTE GENERALE | STRETTO DI MESSINA | STRETTO DI MESSINA |
|---|---|---|---|
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SINA

EurolinK

| | | CS0135_F0 |
|---|---|---|
| *Unità Funzionale* | COLLEGAMENTI CALABRIA | |
| *Tipo di sistema* | INFRASTRUTTURE STRADALI OPERE CIVILI | |
| *Raggruppamento di opere/attività* | DEVIAZIONE VIABILITÀ | |
| *Opera - tratto d'opera - parte d'opera* | TRACCIATO STRADALE - STRADA LUNGOMARE FATA MORGANA | |
| *Titolo del documento* | TABULATI MOVIMENTI MATERIA | |

CODICE

| C | G | 0 | 7 | 0 | 0 | P | T | T | D | C | S | C | D | 2 | T | S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | F0 |

| REV | DATA | DESCRIZIONE | REDATTO | VERIFICATO | APPROVATO |
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| F0 | 20/06/2011 | EMISSIONE FINALE | PRO ITER srl | F. BERTONI | F. COLLA |
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# MOVIMENTI MATERIA ASSE W

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COLLEGAMENTI VERSANTE CALABRIA - ASSE W

                    CALCOLO DELLE AREE                        Foglio n.    1

    STERRI E RIPORTI


                                                AREA          AREA
                                                ELEMENTARE    FIGURA
    N. SEZIONE FIG.      ELEMENTI DI CALCOLO     mq            mq              NOTE
       PROG.

    W-1       R1    (-7.00--8.10)x(3.64+3.62)/2       3.99
    0.00            (-8.00--7.00)x(3.69+3.69)/2      -3.69
                    (-8.10--8.00)x(3.62+3.69)/2      -0.37
                                                                   0.07
    W-1       S1    (-7.00--5.87)x(3.54+3.54)/2      -4.00
    0.00            (-5.87--7.00)x(3.65+3.64)/2       4.12
                                                                   0.12
    W-1       S2    (-4.53--5.87)x(3.67+3.65)/2       4.90
    0.00            (4.56--4.53)x(3.67+3.67)/2       33.36
                    (8.44-4.56)x(3.79+3.67)/2        14.47
                    (13.87-8.44)x(3.79+3.79)/2       20.58
                    (4.00-13.87)x(3.54+3.54)/2      -34.94
                    (0.00-4.00)x(3.04+2.94)/2       -11.96
                    (-4.00-0.00)x(2.94+3.04)/2      -11.96
                    (-5.87--4.00)x(3.54+3.54)/2      -6.62
                                                                   7.83
    W-2       R1    (-8.00--7.00)x(3.74+3.74)/2      -3.74
    18.60           (-8.27--8.00)x(3.56+3.74)/2      -0.99
                    (-7.00--8.27)x(3.55+3.56)/2       4.51
                                                                   0.22
    W-2       R2    (-6.33--7.00)x(3.54+3.55)/2       2.38
    18.60           (-6.31--6.33)x(3.54+3.54)/2       0.07
                    (-6.29--6.31)x(3.54+3.54)/2       0.07
                    (-5.87--6.29)x(3.59+3.54)/2       1.50
                    (-7.00--5.87)x(3.59+3.59)/2      -4.06
                                                                   0.04
    W-2       S1    (-5.87--5.42)x(3.59+3.59)/2      -1.62
    18.60           (-5.42--5.87)x(3.64+3.59)/2       1.63
                                                                   0.01
    W-2       S2    (4.03-6.87)x(3.59+3.59)/2       -10.20
    18.60           (0.00-4.03)x(3.09+2.99)/2       -12.25
                    (-4.02-0.00)x(2.99+3.09)/2      -12.22
                    (-5.42--4.02)x(3.59+3.59)/2      -5.03
                    (-4.62--5.42)x(3.72+3.64)/2       2.94
                    (4.03--4.62)x(3.69+3.72)/2       32.05
                    (6.87-4.03)x(3.72+3.69)/2        10.52
                                                                   5.81
    W-2       S3    (18.00-6.87)x(3.84+3.72)/2       42.07
    18.60           (6.87-18.00)x(3.59+3.59)/2      -39.96
                                                                   2.11
    W-3       R1    (-7.00--5.87)x(3.63+3.63)/2      -4.10
    35.60           (-8.00--7.00)x(3.78+3.78)/2      -3.78
                    (-8.46--8.00)x(3.47+3.78)/2      -1.67
                    (-6.72--8.46)x(3.45+3.47)/2       6.02
                    (-6.69--6.72)x(3.45+3.45)/2       0.10
                    (-6.67--6.69)x(3.45+3.45)/2       0.07
                    (-5.87--6.67)x(3.56+3.45)/2       2.80
                                                                   0.56
    W-3       R2    (-5.42--5.87)x(3.63+3.56)/2       1.62
    35.60           (-5.87--5.42)x(3.63+3.63)/2      -1.63
                                                                   0.01
    W-3       S1    (-5.42--4.46)x(3.63+3.63)/2      -3.48
    35.60           (-4.95--5.42)x(3.69+3.63)/2       1.72


                               A RIPORTARE mq       -1.76
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**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

| | Stretto di Messina | EurolinK | TABULATI MOVIMENTI MATERIA | Codice documento CS0135_F0.doc | Rev F0 | Data 20/06/2011 |

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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

                    CALCOLO DELLE AREE                          Foglio n.   2

   STERRI E RIPORTI


                                                  AREA          AREA
   N. SEZIONE FIG.        ELEMENTI DI CALCOLO    ELEMENTARE     FIGURA          NOTE
   PROG.                                            mq           mq

                                      RIPORTO mq    -1.76

                     (-4.46--4.95)x(3.70+3.69)/2     1.81
                                                                0.05
   W-3      S2    (4.29-6.47)x(3.62+3.62)/2         -7.89
   35.60          (0.00-4.29)x(3.13+3.02)/2        -13.19
                  (-4.21-0.00)x(3.03+3.13)/2       -12.97
                  (-4.46--4.21)x(3.63+3.63)/2       -0.91
                  (3.24--4.46)x(3.75+3.70)/2        28.68
                  (6.47-3.24)x(3.91+3.75)/2         12.37
                                                                6.09
   W-3      S3    (6.87-6.47)x(3.93+3.91)/2          1.57
   35.60          (6.47-6.87)x(3.62+3.62)/2         -1.45
                                                                0.12
   W-3      R3    (6.89-6.87)x(0.98+3.62)/2          0.05
   35.60          (12.25-6.89)x(0.71+0.98)/2         4.53
                  (6.87-12.25)x(3.62+3.62)/2       -19.48
                                                               14.90
   W-4      R1    (-7.28--5.42)x(3.89+3.89)/2       -7.24
   52.59          (-8.28--7.28)x(4.04+4.04)/2       -4.04
                  (-9.06--8.28)x(3.51+4.04)/2       -2.94
                  (-7.18--9.06)x(3.47+3.51)/2        6.56
                  (-7.16--7.18)x(3.47+3.47)/2        0.07
                  (-7.13--7.16)x(3.47+3.47)/2        0.10
                  (-5.62--7.13)x(3.74+3.47)/2        5.44
                  (-5.42--5.62)x(3.74+3.74)/2        0.75
                                                                1.30
   W-4      R2    (-5.42--4.84)x(3.89+3.89)/2       -2.26
   52.59          (-4.84--5.42)x(3.75+3.74)/2        2.17
                                                                0.09
   W-4      R3    (-4.46--4.84)x(3.75+3.75)/2        1.42
   52.59          (-4.84--4.46)x(3.89+3.89)/2       -1.48
                                                                0.06
   W-4      S1    (4.77-5.91)x(3.65+3.65)/2         -4.16
   52.59          (-4.46-4.77)x(3.29+3.05)/2       -29.26
                  (2.88--4.46)x(3.80+3.75)/2        27.71
                  (5.91-2.88)x(3.91+3.80)/2         11.68
                                                                5.97
   W-4      S2    (6.46-5.91)x(3.93+3.91)/2          2.16
   52.59          (6.47-6.46)x(3.65+3.93)/2          0.04
                  (5.91-6.47)x(3.65+3.65)/2         -2.04
                                                                0.16
   W-4      R4    (6.47-6.87)x(3.65+3.65)/2         -1.46
   52.59          (6.49-6.47)x(0.98+3.65)/2          0.05
                  (6.77-6.49)x(1.00+0.98)/2          0.28
                  (6.87-6.77)x(0.99+1.00)/2          0.10
                                                                1.03
   W-4      R5    (12.86-6.87)x(0.64+0.99)/2         4.88
   52.59          (6.87-12.86)x(3.65+3.65)/2       -21.86
                                                               16.98
   W-5      R1    (-8.00--5.29)x(3.93+3.93)/2      -10.65
   65.02          (-9.00-8.00)x(4.08+4.08)/2        -4.08
                  (-9.87--9.00)x(3.50+4.08)/2       -3.30


                                   A RIPORTARE mq    -18.03
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

                    CALCOLO DELLE AREE                          Foglio n.   3

    STERRI E RIPORTI


                                                    AREA         AREA
                                                 ELEMENTARE     FIGURA
    N. SEZIONE FIG.        ELEMENTI DI CALCOLO       mq           mq              NOTE
       PROG.

                                      RIPORTO mq     -18.03

                 (-7.75--9.87)x(3.48+3.50)/2          7.40
                 (-7.73--7.75)x(3.48+3.48)/2          0.07
                 (-7.70--7.73)x(3.48+3.48)/2          0.10
                 (-6.23--7.70)x(3.74+3.48)/2          5.31
                 (-5.29--6.23)x(3.75+3.74)/2          3.52
                                                                   1.63
    W-5      R2  (-4.84--5.29)x(3.76+3.75)/2          1.69
    65.02        (-5.29--4.84)x(3.93+3.93)/2         -1.77
                                                                   0.08
    W-5      S1  (-4.84--4.46)x(3.33+3.32)/2         -1.26
    65.02        (-4.46--4.84)x(3.76+3.76)/2          1.43
                                                                   0.17
    W-5      S2  (-4.46-4.93)x(3.32+3.08)/2         -30.05
    65.02        (2.30--4.46)x(3.85+3.76)/2          25.72
                 (4.93-2.30)x(3.91+3.85)/2           10.20
                                                                   5.87
    W-5      S3  (5.91-4.93)x(3.93+3.91)/2            3.84
    65.02        (5.07-5.91)x(3.68+3.68)/2           -3.09
                 (4.93-5.07)x(3.08+3.08)/2           -0.43
                                                                   0.32
    W-5      R3  (5.91-6.47)x(3.68+3.68)/2           -2.06
    65.02        (5.93-5.91)x(1.02+3.68)/2            0.05
                 (6.47-5.93)x(1.02+1.02)/2            0.55
                                                                   1.46
    W-5      R4  (8.03-6.47)x(1.00+1.02)/2            1.58
    65.02        (13.08-8.03)x(0.68+1.00)/2           4.24
                 (6.47-13.08)x(3.68+3.68)/2         -24.32
                                                                  18.50
    W-6      R1  (-8.72--5.77)x(3.97+3.97)/2        -11.71
    80.02        (-9.72--8.72)x(4.12+4.12)/2         -4.12
                 (-10.70--9.72)x(3.47+4.12)/2        -3.72
                 (-8.76--10.70)x(3.53+3.47)/2         6.79
                 (-8.73--8.76)x(3.53+3.53)/2          0.11
                 (-8.71--8.73)x(3.53+3.53)/2          0.07
                 (-7.29--8.71)x(3.74+3.53)/2          5.16
                 (-5.77--7.29)x(3.76+3.74)/2          5.70
                                                                   1.72
    W-6      R2  (-5.29--5.77)x(3.77+3.76)/2          1.81
    80.02        (-5.77--5.29)x(3.97+3.97)/2         -1.91
                                                                   0.10
    W-6      S1  (-5.29--4.84)x(3.37+3.36)/2         -1.51
    80.02        (-4.84--5.29)x(3.77+3.77)/2          1.70
                                                                   0.19
    W-6      S2  (-4.84-3.38)x(3.36+3.16)/2         -26.80
    80.02        (1.31--4.84)x(3.85+3.77)/2          23.43
                 (3.38-1.31)x(3.90+3.85)/2            8.02
                                                                   4.65
    W-6      S3  (4.93-3.38)x(3.93+3.90)/2            6.07
    80.02        (3.38-4.93)x(3.16+3.12)/2           -4.87
                                                                   1.20
    W-6      R3  (5.43-5.91)x(3.71+3.71)/2           -1.78


                                  A RIPORTARE mq     -1.78
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                              Foglio n.    4

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | −1.78 | | |
| 80.02 | | (4.93−5.43)x(3.12+3.11)/2 | −1.56 | | |
| | | (4.95−4.93)x(1.04+3.12)/2 | 0.04 | | |
| | | (5.91−4.95)x(1.03+1.04)/2 | 0.99 | | |
| | | | | 2.31 | |
| W−6 | R4 | (7.50−5.91)x(1.00+1.03)/2 | 1.61 | | |
| 80.02 | | (13.03−7.50)x(0.71+1.00)/2 | 4.73 | | |
| | | (5.91−13.03)x(3.71+3.71)/2 | −26.42 | | |
| | | | | 20.08 | |
| W−7 | R1 | (−9.26−−6.17)x(4.02+4.02)/2 | −12.42 | | |
| 96.84 | | (−10.26−−9.26)x(4.17+4.17)/2 | −4.17 | | |
| | | (−11.18−−10.26)x(3.56+4.17)/2 | −3.56 | | |
| | | (−10.31−−11.18)x(3.62+3.56)/2 | 3.12 | | |
| | | (−10.29−−10.31)x(3.64+3.62)/2 | 0.07 | | |
| | | (−10.27−−10.29)x(3.62+3.64)/2 | 0.07 | | |
| | | (−8.90−−10.27)x(3.74+3.62)/2 | 5.04 | | |
| | | (−6.17−8.90)x(3.77+3.74)/2 | 10.25 | | |
| | | | | 1.60 | |
| W−7 | R2 | (−5.77−−6.17)x(3.77+3.77)/2 | 1.51 | | |
| 96.84 | | (−6.17−−5.77)x(4.02+4.02)/2 | −1.61 | | |
| | | | | 0.10 | |
| W−7 | S1 | (−5.77−−5.29)x(3.42+3.41)/2 | −1.64 | | |
| 96.84 | | (−5.29−−5.77)x(3.77+3.77)/2 | 1.81 | | |
| | | | | 0.17 | |
| W−7 | S2 | (−5.29−1.21)x(3.41+3.25)/2 | −21.65 | | |
| 96.84 | | (−0.25−−5.29)x(3.82+3.77)/2 | 19.13 | | |
| | | (1.21−−0.25)x(3.86+3.82)/2 | 5.61 | | |
| | | | | 3.09 | |
| W−7 | S3 | (3.38−1.21)x(3.92+3.86)/2 | 8.44 | | |
| 96.84 | | (1.21−3.38)x(3.25+3.19)/2 | −6.99 | | |
| | | | | 1.45 | |
| W−7 | R3 | (3.38−4.93)x(3.19+3.16)/2 | −4.92 | | |
| 96.84 | | (3.40−3.38)x(1.12+3.19)/2 | 0.04 | | |
| | | (4.93−3.40)x(1.08+1.12)/2 | 1.68 | | |
| | | | | 3.20 | |
| W−7 | R4 | (8.38−4.93)x(1.00+1.08)/2 | 3.59 | | |
| 96.84 | | (12.58−8.38)x(0.74+1.00)/2 | 3.65 | | |
| | | (5.86−12.58)x(3.73+3.73)/2 | −25.07 | | |
| | | (4.93−5.86)x(3.16+3.13)/2 | −2.92 | | |
| | | | | 20.75 | |
| W−8 | R1 | (−10.67−−9.92)x(3.90+3.90)/2 | −2.92 | | |
| 115.05 | | (−11.04−−10.67)x(3.66+3.90)/2 | −1.40 | | |
| | | (−9.92−−11.04)x(3.67+3.66)/2 | 4.10 | | |
| | | | | 0.22 | |
| W−8 | R2 | (−6.17−−9.92)x(3.71+3.67)/2 | 13.84 | | |
| 115.05 | | (−9.67−−6.17)x(3.75+3.75)/2 | −13.13 | | |
| | | (−9.92−−9.67)x(3.90+3.90)/2 | −0.97 | | |
| | | | | 0.26 | |
| W−8 | S1 | (−6.17−−5.77)x(3.15+3.16)/2 | −1.26 | | |
| 115.05 | | (−5.77−−6.17)x(3.71+3.71)/2 | 1.48 | | |
| | | | | 0.22 | |
| W−8 | S2 | (0.00−0.50)x(3.31+3.30)/2 | −1.65 | | |
| | | A RIPORTARE mq | −1.65 | | |

| | | **Ponte sullo Stretto di Messina** |
|---|---|---|
| **Stretto di Messina** | **EurolinK** | PROGETTO DEFINITIVO |

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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                           Foglio n.   5

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | −1.65 | | |
| 115.05 | | (−5.77−0.00)x(3.16+3.31)/2 | −18.67 | | |
| | | (−2.36−−5.77)x(3.75+3.71)/2 | 12.72 | | |
| | | (0.50−−2.36)x(3.86+3.75)/2 | 10.88 | | |
| | | | | 3.28 | |
| W−8 | S3 | (1.20−0.50)x(3.89+3.86)/2 | 2.71 | | |
| 115.05 | | (1.21−1.20)x(3.28+3.89)/2 | 0.04 | | |
| | | (0.50−1.21)x(3.30+3.28)/2 | −2.34 | | |
| | | | | 0.41 | |
| W−8 | R3 | (1.21−3.38)x(3.28+3.22)/2 | −7.05 | | |
| 115.05 | | (1.22−1.21)x(1.51+3.28)/2 | 0.02 | | |
| | | (3.38−1.22)x(1.37+1.51)/2 | 3.11 | | |
| | | | | 3.92 | |
| W−8 | R4 | (9.04−3.38)x(1.00+1.37)/2 | 6.71 | | |
| 115.05 | | (11.68−9.04)x(0.85+1.00)/2 | 2.44 | | |
| | | (6.23−11.68)x(3.75+3.75)/2 | −20.44 | | |
| | | (3.38−6.23)x(3.22+3.15)/2 | −9.08 | | |
| | | | | 20.37 | |
| W−9 | R1 | (−10.92−−10.67)x(3.80+3.80)/2 | −0.95 | | |
| 120.82 | | (−11.15−−10.92)x(3.65+3.80)/2 | −0.86 | | |
| | | (−10.67−−11.15)x(3.65+3.65)/2 | 1.75 | | |
| | | | | 0.06 | |
| W−9 | R2 | (−9.92−−10.67)x(3.66+3.65)/2 | 2.74 | | |
| 120.82 | | (−10.67−9.92)x(3.80+3.80)/2 | −2.85 | | |
| | | | | 0.11 | |
| W−9 | S1 | (−6.25−−6.17)x(3.05+3.05)/2 | −0.24 | | |
| 120.82 | | (−9.92−−6.25)x(3.65+3.65)/2 | −13.40 | | |
| | | (−6.17−−9.92)x(3.71+3.66)/2 | 13.82 | | |
| | | | | 0.18 | |
| W−9 | S2 | (−1.50−−1.00)x(3.16+3.16)/2 | −1.58 | | |
| 120.82 | | (−6.17−−1.50)x(3.05+3.16)/2 | −14.50 | | |
| | | (−3.04−−6.17)x(3.74+3.71)/2 | 11.66 | | |
| | | (−1.00−−3.04)x(3.83+3.74)/2 | 7.72 | | |
| | | | | 3.30 | |
| W−9 | S3 | (0.50−−1.00)x(3.89+3.83)/2 | 5.79 | | |
| 120.82 | | (−1.00−0.50)x(3.16+3.16)/2 | −4.74 | | |
| | | | | 1.05 | |
| W−9 | R3 | (0.50−1.21)x(3.16+3.16)/2 | −2.24 | | |
| 120.82 | | (0.52−0.50)x(1.99+3.16)/2 | 0.05 | | |
| | | (1.21−0.52)x(1.91+1.99)/2 | 1.35 | | |
| | | | | 0.84 | |
| W−9 | R4 | (9.29−1.21)x(1.00+1.91)/2 | 11.76 | | |
| 120.82 | | (13.59−9.29)x(0.77+1.00)/2 | 3.81 | | |
| | | (6.31−13.59)x(3.68+3.68)/2 | −26.79 | | |
| | | (1.50−6.31)x(3.16+3.08)/2 | −15.01 | | |
| | | (1.21−1.50)x(3.16+3.16)/2 | −0.92 | | |
| | | | | 27.15 | |
| W−10 | R1 | (−11.67−−11.00)x(3.80+3.80)/2 | −2.55 | | |
| 135.83 | | (−11.91−−11.67)x(3.64+3.80)/2 | −0.89 | | |
| | | (−11.00−−11.91)x(3.65+3.64)/2 | 3.32 | | |
| | | | | 0.12 | |
| W−10 | R2 | (−10.67−−11.00)x(3.66+3.65)/2 | 1.21 | | |
| | | A RIPORTARE mq | 1.21 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                    Foglio n.   6

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | 1.21 | | |
| 135.83 | | (−11.00−−10.67)x(3.80+3.80)/2 | −1.25 | | |
| | | | | 0.04 | |
| W–10 135.83 | S1 | (−10.67−−9.92)x(3.65+3.65)/2 (−9.92−−10.67)x(3.66+3.66)/2 | −2.74 2.75 | | |
| | | | | 0.01 | |
| W–10 135.83 | S2 | (−6.42−−2.46)x(3.05+3.15)/2 (−9.92−6.42)x(3.65+3.65)/2 (−4.71−9.92)x(3.72+3.66)/2 (−2.46−−4.71)x(3.83+3.72)/2 | −12.28 −12.78 19.22 8.49 | | |
| | | | | 2.65 | |
| W–10 135.83 | S3 | (−1.23−2.46)x(3.88+3.83)/2 (−1.20−−1.23)x(3.24+3.88)/2 (−1.00−−1.20)x(3.18+3.24)/2 (−1.50−−1.00)x(3.18+3.18)/2 (−2.46−−1.50)x(3.15+3.18)/2 | 4.74 0.11 0.64 −1.59 −3.04 | | |
| | | | | 0.86 | |
| W–10 135.83 | R3 | (−1.00−0.50)x(3.18+3.18)/2 (−0.43−1.00)x(3.00+3.18)/2 (0.05−−0.43)x(2.96+3.00)/2 (0.50−0.05)x(2.96+2.96)/2 | −4.77 1.76 1.43 1.33 | | |
| | | | | 0.25 | |
| W–10 135.83 | R4 | (5.20−0.50)x(3.00+2.96)/2 (15.75−5.20)x(3.00+3.00)/2 (15.76−15.75)x(2.99+3.00)/2 (6.46−15.76)x(3.79+3.79)/2 (1.50−6.46)x(3.18+3.19)/2 (0.50−1.50)x(3.18+3.18)/2 | 14.01 31.65 0.03 −35.25 −15.80 −3.18 | | |
| | | | | 8.54 | |
| W–11 151.72 | R1 | (−11.43−−11.41)x(3.66+3.66)/2 (−12.43−−11.43)x(3.81+3.81)/2 (−12.69−12.43)x(3.64+3.81)/2 (−11.41−12.69)x(3.65+3.64)/2 | −0.07 −3.81 −0.97 4.67 | | |
| | | | | 0.18 | |
| W–11 151.72 | R2 | (−11.00−−11.41)x(3.66+3.65)/2 (−11.41−−11.00)x(3.66+3.66)/2 | 1.50 −1.50 | | |
| W–11 151.72 | S1 | (−11.00−10.67)x(3.66+3.66)/2 (−10.67−−11.00)x(3.66+3.66)/2 | −1.21 1.21 | | |
| W–11 151.72 | S2 | (−6.50−−3.14)x(3.06+3.14)/2 (−10.67−6.50)x(3.66+3.66)/2 (−5.97−10.67)x(3.72+3.66)/2 (−3.14−5.97)x(3.81+3.72)/2 | −10.42 −15.26 17.34 10.65 | | |
| | | | | 2.31 | |
| W–11 151.72 | S3 | (−2.46−3.14)x(3.83+3.81)/2 (−3.14−2.46)x(3.14+3.16)/2 | 2.60 −2.14 | | |
| | | | | 0.46 | |
| W–11 151.72 | R3 | (−1.50−−1.00)x(3.18+3.18)/2 (−2.46−1.50)x(3.16+3.18)/2 (−2.44−2.46)x(1.36+3.16)/2 (−1.31−2.44)x(1.00+1.36)/2 | −1.59 −3.04 0.05 1.33 | | |
| | | A RIPORTARE mq | −3.25 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                          Foglio n.   7

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | −3.25 | | |
| | | (−1.00−−1.31)x(1.11+1.00)/2 | 0.33 | | |
| | | | | 2.92 | |
| W−11 151.72 | R4 | (1.49−−1.00)x(2.00+1.11)/2 | 3.87 | | |
| | | (2.43−1.49)x(3.00+2.00)/2 | 2.35 | | |
| | | (15.45−2.43)x(3.00+3.00)/2 | 39.06 | | |
| | | (6.50−15.45)x(3.91+3.91)/2 | −34.99 | | |
| | | (1.50−6.50)x(3.18+3.31)/2 | −16.23 | | |
| | | (−1.00−1.50)x(3.18+3.18)/2 | −7.95 | | |
| | | | | 13.89 | |
| W−12 166.72 | R1 | (−11.41−−13.24)x(3.65+3.64)/2 | 6.67 | | |
| | | (−11.99−−11.41)x(3.65+3.65)/2 | −2.12 | | |
| | | (−12.99−−11.99)x(3.80+3.80)/2 | −3.80 | | |
| | | (−13.24−−12.99)x(3.64+3.80)/2 | −0.93 | | |
| | | | | 0.18 | |
| W−12 166.72 | S1 | (−11.41−−11.00)x(3.65+3.65)/2 | −1.50 | | |
| | | (−11.00−−11.41)x(3.66+3.65)/2 | 1.50 | | |
| W−12 166.72 | S2 | (−11.00−−6.72)x(3.65+3.65)/2 | −15.62 | | |
| | | (−6.73−−11.00)x(3.70+3.66)/2 | 15.71 | | |
| | | (−6.72−6.73)x(3.70+3.70)/2 | 0.04 | | |
| | | | | 0.13 | |
| W−12 166.72 | S3 | (−6.50−−3.43)x(3.05+3.13)/2 | −9.49 | | |
| | | (−6.72−6.50)x(3.65+3.65)/2 | −0.80 | | |
| | | (−3.43−6.72)x(3.77+3.70)/2 | 12.29 | | |
| | | | | 2.00 | |
| W−12 166.72 | S4 | (−3.15−3.43)x(3.78+3.77)/2 | 1.06 | | |
| | | (−3.14−3.15)x(3.14+3.78)/2 | 0.03 | | |
| | | (−3.43−3.14)x(3.13+3.14)/2 | −0.91 | | |
| | | | | 0.18 | |
| W−12 166.72 | R2 | (−3.14−2.46)x(3.14+3.16)/2 | −2.14 | | |
| | | (−3.13−3.14)x(0.82+3.14)/2 | 0.02 | | |
| | | (−2.46−3.13)x(0.84+0.82)/2 | 0.56 | | |
| | | | | 1.56 | |
| W−12 166.72 | R3 | (3.61−−2.46)x(1.00+0.84)/2 | 5.58 | | |
| | | (5.53−3.61)x(1.00+1.00)/2 | 1.92 | | |
| | | (15.84−5.53)x(0.58+1.00)/2 | 8.14 | | |
| | | (6.50−15.84)x(3.90+3.90)/2 | −36.43 | | |
| | | (1.50−6.50)x(3.18+3.30)/2 | −16.20 | | |
| | | (−1.50−1.50)x(3.18+3.18)/2 | −9.54 | | |
| | | (−2.46−−1.50)x(3.16+3.18)/2 | −3.04 | | |
| | | | | 49.57 | |
| W−13 181.76 | R1 | (−12.34−−11.41)x(3.64+3.64)/2 | −3.39 | | |
| | | (−13.34−−12.34)x(3.79+3.79)/2 | −3.79 | | |
| | | (−13.57−−13.34)x(3.64+3.79)/2 | −0.85 | | |
| | | (−11.41−−13.57)x(3.64+3.64)/2 | 7.86 | | |
| | | | | 0.17 | |
| W−13 181.76 | R2 | (−6.93−−11.41)x(3.64+3.64)/2 | 16.31 | | |
| | | (−6.72−−6.93)x(3.64+3.64)/2 | 0.76 | | |
| | | (−11.41−−6.72)x(3.64+3.64)/2 | −17.07 | | |
| W−13 | S1 | (−6.72−6.50)x(3.64+3.64)/2 | −0.80 | | |
| | | A RIPORTARE mq | −0.80 | | |

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                    Foglio n.    8

STERRI E RIPORTI

| N. SEZIONE<br>PROG. | FIG. | ELEMENTI DI CALCOLO | AREA<br>ELEMENTARE<br>mq | AREA<br>FIGURA<br>mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | −0.80 | | |
| 181.76 | | (−6.50−−6.72)x(3.65+3.64)/2 | 0.80 | | |
| W−13<br>181.76 | S2 | (−3.43−−6.50)x(3.78+3.65)/2<br>(−6.50−−3.43)x(3.04+3.12)/2 | 11.41<br>−9.46 | 1.95 | |
| W−13<br>181.76 | R3 | (−3.43−−3.42)x(3.12+3.12)/2<br>(−3.42−−3.43)x(1.42+3.12)/2 | −0.03<br>0.02 | 0.01 | |
| W−13<br>181.76 | R4 | (−3.41−−3.42)x(0.90+1.42)/2<br>(−3.14−−3.41)x(0.89+0.90)/2<br>(−3.42−−3.14)x(3.12+3.13)/2 | 0.01<br>0.24<br>−0.87 | 0.62 | |
| W−13<br>181.76 | R5 | (8.67−−3.14)x(0.50+0.89)/2<br>(16.95−8.67)x(0.32+0.50)/2<br>(6.50−16.95)x(3.89+3.89)/2<br>(1.50−6.50)x(3.17+3.29)/2<br>(−1.50−1.50)x(3.17+3.17)/2<br>(−3.14−−1.50)x(3.13+3.17)/2 | 8.21<br>3.39<br>−40.65<br>−16.15<br>−9.51<br>−5.17 | 59.88 | |
| W−14<br>193.03 | R1 | (−12.47−−6.72)x(3.63+3.63)/2<br>(−13.47−−12.47)x(3.78+3.78)/2<br>(−13.76−−13.47)x(3.58+3.78)/2<br>(−6.93−−13.76)x(3.59+3.58)/2<br>(−6.72−−6.93)x(3.60+3.59)/2 | −20.87<br>−3.78<br>−1.07<br>24.49<br>0.75 | 0.48 | |
| W−14<br>193.03 | R2 | (−6.50−−6.72)x(3.61+3.60)/2<br>(−6.72−−6.50)x(3.63+3.63)/2 | 0.79<br>−0.80 | 0.01 | |
| W−14<br>193.03 | S1 | (−6.50−−3.43)x(3.03+3.11)/2<br>(−3.43−−6.50)x(3.76+3.61)/2 | −9.42<br>11.31 | 1.89 | |
| W−14<br>193.03 | S2 | (−3.42−−3.43)x(3.76+3.76)/2<br>(−3.43−−3.42)x(3.11+3.11)/2 | 0.04<br>−0.03 | 0.01 | |
| W−14<br>193.03 | R3 | (−3.42−−3.19)x(3.11+3.11)/2<br>(−3.40−−3.42)x(0.95+3.11)/2<br>(−3.19−−3.40)x(0.94+0.95)/2 | −0.72<br>0.04<br>0.20 | 0.48 | |
| W−14<br>193.03 | R4 | (5.34−−3.19)x(0.50+0.94)/2<br>(18.26−5.34)x(0.25+0.50)/2<br>(6.50−18.26)x(3.88+3.88)/2<br>(1.50−6.50)x(3.16+3.28)/2<br>(−1.50−1.50)x(3.16+3.16)/2<br>(−3.19−−1.50)x(3.11+3.16)/2 | 6.14<br>4.85<br>−45.63<br>−16.10<br>−9.48<br>−5.30 | 65.52 | |
| W−15<br>208.09 | R1 | (−6.62−−13.81)x(3.54+3.52)/2<br>(−6.50−−6.62)x(3.55+3.54)/2<br>(−12.46−−6.50)x(3.61+3.61)/2<br>(−13.46−−12.46)x(3.76+3.76)/2<br>(−13.81−−13.46)x(3.52+3.76)/2 | 25.38<br>0.43<br>−21.52<br>−3.76<br>−1.27 | 0.74 | |

A RIPORTARE mq

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                Foglio n.    9

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | | | |
| W–15 208.09 | S1 | (–6.50––3.42)x(3.01+3.09)/2 (–3.42––6.50)x(3.73+3.55)/2 | –9.39 11.21 | 1.82 | |
| W–15 208.09 | S2 | (–3.19––3.42)x(3.75+3.73)/2 (–3.42––3.19)x(3.09+3.09)/2 | 0.86 –0.71 | 0.15 | |
| W–15 208.09 | R2 | (–3.19––2.47)x(3.09+3.11)/2 (–3.17––3.19)x(0.92+3.09)/2 (–2.47––3.17)x(0.86+0.92)/2 | –2.23 0.04 0.62 | 1.57 | |
| W–15 208.09 | R3 | (2.61––2.47)x(0.50+0.86)/2 (17.32–2.61)x(0.24+0.50)/2 (6.50–17.32)x(3.86+3.86)/2 (1.50–6.50)x(3.13+3.26)/2 (–1.50–1.50)x(3.13+3.13)/2 (–2.47–1.50)x(3.11+3.13)/2 | 3.45 5.44 –41.77 –15.98 –9.39 –3.03 | 61.28 | |
| W–16 223.11 | R1 | (–6.50––13.60)x(3.51+3.49)/2 (–12.24––6.50)x(3.58+3.58)/2 (–13.24––12.24)x(3.73+3.73)/2 (–13.60––13.24)x(3.49+3.73)/2 | 24.85 –20.55 –3.73 –1.30 | 0.73 | |
| W–16 223.11 | S1 | (–6.50––3.19)x(2.98+3.06)/2 (–6.01––6.50)x(3.51+3.51)/2 (–3.19––6.01)x(3.69+3.51)/2 | –10.00 1.72 10.15 | 1.87 | |
| W–16 223.11 | S2 | (–2.47––3.19)x(3.73+3.69)/2 (–3.19––2.47)x(3.06+3.08)/2 | 2.67 –2.21 | 0.46 | |
| W–16 223.11 | R2 | (–1.50––1.48)x(3.10+3.10)/2 (–2.47––1.50)x(3.08+3.10)/2 (–2.45––2.47)x(0.84+3.08)/2 (–1.48––2.45)x(0.77+0.84)/2 | –0.06 –3.00 0.04 0.78 | 2.24 | |
| W–16 223.11 | R3 | (2.59––1.48)x(0.50+0.77)/2 (15.94–2.59)x(0.27+0.50)/2 (6.50–15.94)x(3.83+3.83)/2 (1.50–6.50)x(3.10+3.23)/2 (–1.48–1.50)x(3.10+3.10)/2 | 2.58 5.14 –36.16 –15.82 –9.24 | 53.50 | |
| W–17 238.11 | R1 | (–6.50––13.07)x(3.50+3.52)/2 (–11.83––6.50)x(3.54+3.54)/2 (–12.83––11.83)x(3.69+3.69)/2 (–13.07––12.83)x(3.52+3.69)/2 | 23.06 –18.87 –3.69 –0.87 | 0.37 | |
| W–17 238.11 | S2 | (–4.96––6.50)x(3.50+3.50)/2 (–2.47––4.96)x(3.63+3.50)/2 (–6.50––2.47)x(2.94+3.04)/2 | 5.39 8.88 –12.05 | 2.22 | |
| W–17 | S3 | (–1.48––2.47)x(3.68+3.63)/2 | 3.62 | | |

A RIPORTARE mq          3.62

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                    Foglio n.   10

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | 3.62 | | |
| 238.11 | | (−1.50−−1.48)x(3.06+3.06)/2 | −0.06 | | |
| | | (−2.47−−1.50)x(3.04+3.06)/2 | −2.96 | | |
| | | | | 0.60 | |
| W−17 238.11 | R2 | (−1.48−0.25)x(3.06+3.06)/2 | −5.29 | | |
| | | (−1.46−−1.48)x(0.86+3.06)/2 | 0.04 | | |
| | | (0.25−−1.46)x(0.73+0.86)/2 | 1.36 | | |
| | | | | 3.89 | |
| W−17 238.11 | R3 | (3.41−0.25)x(0.50+0.73)/2 | 1.94 | | |
| | | (15.28−3.41)x(0.29+0.50)/2 | 4.69 | | |
| | | (6.50−15.28)x(3.79+3.79)/2 | −33.28 | | |
| | | (1.50−6.50)x(3.06+3.19)/2 | −15.63 | | |
| | | (0.25−1.50)x(3.06+3.06)/2 | −3.83 | | |
| | | | | 46.11 | |
| W−18 256.13 | R1 | (−11.06−−6.50)x(3.48+3.48)/2 | −15.87 | | |
| | | (−12.06−−11.06)x(3.63+3.63)/2 | −3.63 | | |
| | | (−12.48−−12.06)x(3.35+3.63)/2 | −1.47 | | |
| | | (−12.18−−12.48)x(3.45+3.35)/2 | 1.02 | | |
| | | (−6.50−12.18)x(3.45+3.45)/2 | 19.60 | | |
| | | | | 0.35 | |
| W−18 256.13 | S1 | (−1.50−−1.48)x(3.01+3.01)/2 | −0.06 | | |
| | | (−6.50−−1.50)x(2.88+3.01)/2 | −14.73 | | |
| | | (−3.46−−6.50)x(3.45+3.45)/2 | 10.49 | | |
| | | (−1.48−−3.46)x(3.55+3.45)/2 | 6.93 | | |
| | | | | 2.63 | |
| W−18 256.13 | S2 | (0.25−−1.48)x(3.64+3.55)/2 | 6.22 | | |
| | | (−1.48−0.25)x(3.01+3.01)/2 | −5.21 | | |
| | | | | 1.01 | |
| W−18 256.13 | R3 | (1.50−2.05)x(3.01+3.01)/2 | −1.66 | | |
| | | (0.25−1.50)x(3.01+3.01)/2 | −3.76 | | |
| | | (0.27−0.25)x(0.85+3.01)/2 | 0.04 | | |
| | | (2.05−0.27)x(0.70+0.85)/2 | 1.38 | | |
| | | | | 4.00 | |
| W−18 256.13 | R4 | (4.35−2.05)x(0.50+0.70)/2 | 1.38 | | |
| | | (15.36−4.35)x(0.30+0.50)/2 | 4.40 | | |
| | | (6.50−15.36)x(3.62+3.62)/2 | −32.07 | | |
| | | (2.05−6.50)x(3.01+3.02)/2 | −13.42 | | |
| | | | | 39.71 | |
| W−19 275.68 | R1 | (−11.58−−11.77)x(3.20+3.20)/2 | 0.61 | | |
| | | (−11.53−−11.58)x(3.21+3.20)/2 | 0.16 | | |
| | | (−11.49−−11.53)x(3.21+3.21)/2 | 0.13 | | |
| | | (−10.44−−11.49)x(3.42+3.21)/2 | 3.48 | | |
| | | (−6.50−−10.44)x(3.40+3.42)/2 | 13.44 | | |
| | | (−10.20−−6.50)x(3.68+3.68)/2 | −13.62 | | |
| | | (−11.20−−10.20)x(3.58+3.58)/2 | −3.58 | | |
| | | (−11.77−−11.20)x(3.20+3.58)/2 | −1.93 | | |
| | | | | 1.31 | |
| W−19 275.68 | S2 | (−6.50−−6.47)x(2.83+2.83)/2 | −0.08 | | |
| | | (−6.47−−6.50)x(3.40+3.40)/2 | 0.10 | | |
| | | | | 0.02 | |

A RIPORTARE mq

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | | | |
| W–19 275.68 | S3 | (−1.62−−6.47)x(3.38+3.40)/2 | 16.44 | | |
| | | (0.25−−1.62)x(3.48+3.38)/2 | 6.41 | | |
| | | (−1.50−0.25)x(2.95+2.95)/2 | −5.16 | | |
| | | (−6.47−−1.50)x(2.83+2.95)/2 | −14.36 | | |
| | | | | 3.33 | |
| W–19 275.68 | S4 | (2.05−0.25)x(3.58+3.48)/2 | 6.35 | | |
| | | (1.50−2.05)x(2.95+2.94)/2 | −1.62 | | |
| | | (0.25−1.50)x(2.95+2.95)/2 | −3.69 | | |
| | | | | 1.04 | |
| W–19 275.68 | R2 | (2.05−3.08)x(2.94+2.91)/2 | −3.01 | | |
| | | (2.06−2.05)x(0.79+2.94)/2 | 0.02 | | |
| | | (3.08−2.06)x(0.72+0.79)/2 | 0.77 | | |
| | | | | 2.22 | |
| W–19 275.68 | R3 | (5.86−3.08)x(0.50+0.72)/2 | 1.70 | | |
| | | (10.95−5.86)x(0.41+0.50)/2 | 2.32 | | |
| | | (6.50−10.95)x(3.43+3.43)/2 | −15.26 | | |
| | | (3.08−6.50)x(2.91+2.83)/2 | −9.82 | | |
| | | | | 21.06 | |
| W–20 290.80 | R1 | (−9.60−−8.58)x(3.38+3.38)/2 | −3.45 | | |
| | | (−10.60−−9.60)x(3.53+3.53)/2 | −3.53 | | |
| | | (−11.32−−10.60)x(3.05+3.53)/2 | −2.37 | | |
| | | (−10.47−−11.32)x(3.05+3.05)/2 | 2.59 | | |
| | | (−10.43−−10.47)x(3.05+3.05)/2 | 0.12 | | |
| | | (−9.34−−10.43)x(3.33+3.05)/2 | 3.48 | | |
| | | (−8.58−−9.34)x(3.34+3.33)/2 | 2.53 | | |
| | | | | 0.63 | |
| W–20 290.80 | R2 | (−6.50−−8.58)x(3.35+3.34)/2 | 6.96 | | |
| | | (−8.58−−6.50)x(3.38+3.38)/2 | −7.03 | | |
| | | | | 0.07 | |
| W–20 290.80 | R3 | (−6.47−−6.50)x(3.35+3.35)/2 | 0.10 | | |
| | | (−6.50−−6.47)x(3.38+3.38)/2 | −0.10 | | |
| W–20 290.80 | S1 | (1.50−2.05)x(2.91+2.89)/2 | −1.59 | | |
| | | (−1.50−1.50)x(2.91+2.91)/2 | −8.73 | | |
| | | (−6.47−−1.50)x(2.78+2.91)/2 | −14.14 | | |
| | | (−0.63−6.47)x(3.39+3.35)/2 | 19.68 | | |
| | | (2.05−−0.63)x(3.49+3.39)/2 | 9.22 | | |
| | | | | 4.44 | |
| W–20 290.80 | S2 | (3.07−2.05)x(3.53+3.49)/2 | 3.58 | | |
| | | (3.08−3.07)x(2.87+3.53)/2 | 0.03 | | |
| | | (2.05−3.08)x(2.89+2.87)/2 | −2.97 | | |
| | | | | 0.64 | |
| W–20 290.80 | R4 | (3.08−3.95)x(2.87+2.84)/2 | −2.48 | | |
| | | (3.09−3.08)x(0.93+2.87)/2 | 0.02 | | |
| | | (3.95−3.09)x(0.86+0.93)/2 | 0.77 | | |
| | | | | 1.69 | |
| W–20 290.80 | R5 | (8.21−3.95)x(0.50+0.86)/2 | 2.90 | | |
| | | (11.54−8.21)x(0.43+0.50)/2 | 1.55 | | |
| | | (6.47−11.54)x(3.38+3.38)/2 | −17.14 | | |
| | | (3.95−6.47)x(2.84+2.78)/2 | −7.08 | | |
| | | | | 19.77 | |

A RIPORTARE mq

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                    Foglio n.   12

STERRI E RIPORTI

| N. SEZIONE<br>PROG. | FIG. | ELEMENTI DI CALCOLO | AREA<br>ELEMENTARE<br>mq | AREA<br>FIGURA<br>mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | | | |
| W–21<br>305.80 | R1 | (–9.67––10.39)x(3.19+3.23)/2 | 2.31 | | |
| | | (–9.63–9.67)x(3.19+3.19)/2 | 0.13 | | |
| | | (–8.58–9.63)x(3.34+3.19)/2 | 3.43 | | |
| | | (–9.01–8.58)x(3.34+3.34)/2 | –1.44 | | |
| | | (–10.01––9.01)x(3.49+3.49)/2 | –3.49 | | |
| | | (–10.39––10.01)x(3.23+3.49)/2 | –1.28 | | |
| | | | | 0.34 | |
| W–21<br>305.80 | S1 | (–8.58–6.47)x(3.34+3.34)/2 | –7.05 | | |
| | | (–8.49–8.58)x(3.35+3.34)/2 | 0.30 | | |
| | | (–6.47–8.49)x(3.35+3.35)/2 | 6.77 | | |
| | | | | 0.02 | |
| W–21<br>305.80 | S2 | (–6.33–6.09)x(2.74+2.75)/2 | –0.66 | | |
| | | (–6.47–6.33)x(3.34+3.34)/2 | –0.47 | | |
| | | (–6.09–6.47)x(3.35+3.35)/2 | 1.27 | | |
| | | | | 0.14 | |
| W–21<br>305.80 | S3 | (0.29––6.09)x(3.34+3.35)/2 | 21.34 | | |
| | | (3.08–0.29)x(3.45+3.34)/2 | 9.47 | | |
| | | (1.50–3.08)x(2.86+2.82)/2 | –4.49 | | |
| | | (–1.50–1.50)x(2.86+2.86)/2 | –8.58 | | |
| | | (–6.09––1.50)x(2.75+2.86)/2 | –12.87 | | |
| | | | | 4.87 | |
| W–21<br>305.80 | S4 | (3.94–3.08)x(3.48+3.45)/2 | 2.98 | | |
| | | (3.95–3.94)x(2.80+3.48)/2 | 0.03 | | |
| | | (3.08–3.95)x(2.82+2.80)/2 | –2.44 | | |
| | | | | 0.57 | |
| W–21<br>305.80 | R2 | (3.95–4.81)x(2.80+2.78)/2 | –2.40 | | |
| | | (3.96–3.95)x(1.47+2.80)/2 | 0.02 | | |
| | | (4.81–3.96)x(1.21+1.47)/2 | 1.14 | | |
| | | | | 1.24 | |
| W–21<br>305.80 | R3 | (5.53–4.81)x(1.00+1.21)/2 | 0.80 | | |
| | | (10.31–5.53)x(0.50+1.00)/2 | 3.59 | | |
| | | (12.13–10.31)x(0.46+0.50)/2 | 0.87 | | |
| | | (6.33–12.13)x(3.34+3.34)/2 | –19.37 | | |
| | | (4.81–6.33)x(2.78+2.74)/2 | –4.20 | | |
| | | | | 18.31 | |
| W–22<br>320.80 | R1 | (–9.41–8.58)x(3.56+3.56)/2 | –2.95 | | |
| | | (–10.06––9.41)x(3.13+3.56)/2 | –2.17 | | |
| | | (–8.70––10.06)x(3.05+3.13)/2 | 4.20 | | |
| | | (–8.66–8.70)x(3.05+3.05)/2 | 0.12 | | |
| | | (–8.58–8.66)x(3.07+3.05)/2 | 0.24 | | |
| | | | | 0.56 | |
| W–22<br>320.80 | R2 | (–7.60–8.58)x(3.32+3.07)/2 | 3.13 | | |
| | | (–6.09–7.60)x(3.30+3.32)/2 | 5.00 | | |
| | | (–8.41–6.09)x(3.41+3.41)/2 | –7.91 | | |
| | | (–8.58–8.41)x(3.56+3.56)/2 | –0.61 | | |
| | | | | 0.39 | |
| W–22<br>320.80 | S1 | (–6.09––5.73)x(2.81+2.82)/2 | –1.01 | | |
| | | (–5.73–6.09)x(3.30+3.30)/2 | 1.19 | | |
| | | | | 0.18 | |
| W–22<br>320.80 | S2 | (1.17––5.73)x(3.24+3.30)/2 | 22.56 | | |
| | | (3.95–1.17)x(3.36+3.24)/2 | 9.17 | | |
| | | A RIPORTARE mq | 31.73 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                   Foglio n.   13

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | 31.73 | | |
| | | (0.00–3.95)x(2.97+2.87)/2 | –11.53 | | |
| | | (–5.73–0.00)x(2.82+2.97)/2 | –16.59 | | |
| | | | | 3.61 | |
| W–22 320.80 | S3 | (4.79–3.95)x(3.40+3.36)/2 | 2.84 | | |
| | | (4.81–4.79)x(2.85+3.40)/2 | 0.06 | | |
| | | (3.95–4.81)x(2.87+2.85)/2 | –2.46 | | |
| | | | | 0.44 | |
| W–22 320.80 | R3 | (4.81–5.72)x(2.85+2.82)/2 | –2.58 | | |
| | | (5.72–4.81)x(2.75+2.67)/2 | 2.47 | | |
| | | | | 0.11 | |
| W–22 320.80 | R4 | (9.83–5.72)x(3.13+2.75)/2 | 12.08 | | |
| | | (10.64–9.83)x(3.00+3.13)/2 | 2.48 | | |
| | | (12.72–10.64)x(3.00+3.00)/2 | 6.24 | | |
| | | (6.09–12.72)x(3.41+3.41)/2 | –22.61 | | |
| | | (5.72–6.09)x(2.82+2.81)/2 | –1.04 | | |
| | | | | 2.85 | |
| W–23 335.80 | R1 | (–7.82––6.09)x(3.38+3.38)/2 | –5.85 | | |
| | | (–8.82––7.82)x(3.53+3.53)/2 | –3.53 | | |
| | | (–9.40–8.82)x(3.14+3.53)/2 | –1.93 | | |
| | | (–7.92–9.40)x(3.05+3.14)/2 | 4.58 | | |
| | | (–7.88––7.92)x(3.05+3.05)/2 | 0.12 | | |
| | | (–6.70––7.88)x(3.28+3.05)/2 | 3.73 | | |
| | | (–6.09––6.70)x(3.28+3.28)/2 | 2.00 | | |
| | | | | 0.88 | |
| W–23 335.80 | R2 | (–5.73––6.09)x(3.27+3.28)/2 | 1.18 | | |
| | | (–6.09––5.73)x(3.38+3.38)/2 | –1.22 | | |
| | | | | 0.04 | |
| W–23 335.80 | S1 | (–5.73––5.37)x(2.78+2.79)/2 | –1.00 | | |
| | | (–5.37––5.73)x(3.27+3.27)/2 | 1.18 | | |
| | | | | 0.18 | |
| W–23 335.80 | S2 | (2.03––5.37)x(3.26+3.27)/2 | 24.16 | | |
| | | (4.81–2.03)x(3.30+3.26)/2 | 9.12 | | |
| | | (0.00–4.81)x(2.92+2.80)/2 | –13.76 | | |
| | | (–5.37–0.00)x(2.79+2.92)/2 | –15.33 | | |
| | | | | 4.19 | |
| W–23 335.80 | S3 | (4.81–5.49)x(2.80+2.78)/2 | –1.90 | | |
| | | (5.49–4.81)x(3.31+3.30)/2 | 2.25 | | |
| | | | | 0.35 | |
| W–23 335.80 | S4 | (5.72–5.49)x(3.31+3.31)/2 | 0.76 | | |
| | | (5.49–5.72)x(2.78+2.78)/2 | –0.64 | | |
| | | | | 0.12 | |
| W–23 335.80 | R3 | (8.71–5.72)x(2.81+0.00)/2 | 4.20 | | |
| | | (10.17–8.71)x(2.69+2.81)/2 | 4.01 | | |
| | | (10.77–10.17)x(2.00+2.69)/2 | 1.41 | | |
| | | (13.31–10.77)x(1.00+2.00)/2 | 3.81 | | |
| | | (5.77–13.31)x(3.38+3.38)/2 | –25.49 | | |
| | | (5.72–5.77)x(2.78+2.78)/2 | –0.14 | | |
| | | | | 12.20 | |
| W–24 349.31 | R1 | (–7.28––5.73)x(3.35+3.35)/2 | –5.19 | | |
| | | (–8.28––7.28)x(3.50+3.50)/2 | –3.50 | | |
| | | (–8.83––8.28)x(3.13+3.50)/2 | –1.82 | | |
| | | A RIPORTARE mq | –10.51 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                              Foglio n.   14

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | −10.51 | | |
| | | (−7.08−−8.83)x(3.09+3.13)/2 | 5.44 | | |
| | | (−7.04−−7.08)x(3.09+3.09)/2 | 0.12 | | |
| | | (−5.91−−7.04)x(3.26+3.09)/2 | 3.59 | | |
| | | (−5.73−−5.91)x(3.27+3.26)/2 | 0.59 | | |
| | | | | 0.77 | |
| W−24 349.31 | R2 | (−5.37−−5.73)x(3.27+3.27)/2 | 1.18 | | |
| | | (−5.73−−5.37)x(3.35+3.35)/2 | −1.21 | | |
| | | | | 0.03 | |
| W−24 349.31 | S1 | (−5.37−−4.99)x(2.75+2.76)/2 | −1.05 | | |
| | | (−4.99−−5.37)x(3.27+3.27)/2 | 1.24 | | |
| | | | | 0.19 | |
| W−24 349.31 | S2 | (0.00−4.28)x(2.88+2.77)/2 | −12.09 | | |
| | | (−4.99−0.00)x(2.76+2.88)/2 | −14.07 | | |
| | | (2.80−−4.99)x(3.31+3.27)/2 | 25.63 | | |
| | | (4.28−2.80)x(3.31+3.31)/2 | 4.90 | | |
| | | | | 4.37 | |
| W−24 349.31 | S3 | (5.49−4.28)x(3.32+3.31)/2 | 4.01 | | |
| | | (4.28−5.49)x(2.77+2.74)/2 | −3.33 | | |
| | | | | 0.68 | |
| W−24 349.31 | R3 | (5.49−5.72)x(3.34+3.34)/2 | −0.77 | | |
| | | (5.72−5.49)x(3.32+3.32)/2 | 0.76 | | |
| | | | | 0.01 | |
| W−24 349.31 | R4 | (6.49−5.72)x(3.32+3.32)/2 | 2.56 | | |
| | | (9.36−6.51)x(1.00+0.00)/2 | 1.42 | | |
| | | (10.03−9.36)x(1.31+1.00)/2 | 0.77 | | |
| | | (10.43−10.03)x(1.10+1.31)/2 | 0.48 | | |
| | | (10.44−10.43)x(1.08+1.10)/2 | 0.01 | | |
| | | (13.11−10.44)x(0.50+1.08)/2 | 2.11 | | |
| | | (13.84−13.11)x(0.48+0.50)/2 | 0.36 | | |
| | | (5.72−13.84)x(3.34+3.34)/2 | −27.12 | | |
| | | | | 19.41 | |
| W−25 364.31 | R1 | (−7.00−5.37)x(3.39+3.39)/2 | −5.53 | | |
| | | (−8.00−−7.00)x(3.54+3.54)/2 | −3.54 | | |
| | | (−8.51−−8.00)x(3.19+3.54)/2 | −1.72 | | |
| | | (−6.23−−8.51)x(3.15+3.19)/2 | 7.23 | | |
| | | (−6.19−−6.23)x(3.15+3.15)/2 | 0.13 | | |
| | | (−5.37−−6.19)x(3.21+3.15)/2 | 2.61 | | |
| | | | | 0.82 | |
| W−25 364.31 | R2 | (−5.03−−5.37)x(3.24+3.21)/2 | 1.10 | | |
| | | (−4.99−−5.03)x(3.24+3.24)/2 | 0.13 | | |
| | | (−5.37−−4.99)x(3.39+3.39)/2 | −1.29 | | |
| | | | | 0.06 | |
| W−25 364.31 | S1 | (−4.99−−4.65)x(2.79+2.79)/2 | −0.95 | | |
| | | (−4.65−−4.99)x(3.24+3.24)/2 | 1.10 | | |
| | | | | 0.15 | |
| W−25 364.31 | S2 | (3.63−−4.65)x(3.30+3.24)/2 | 27.08 | | |
| | | (4.28−3.63)x(2.73+3.30)/2 | 1.96 | | |
| | | (0.00−4.28)x(2.84+2.73)/2 | −11.92 | | |
| | | (−4.65−0.00)x(2.79+2.84)/2 | −13.09 | | |
| | | | | 4.03 | |
| W−25 | R3 | (4.28−4.78)x(2.73+2.72)/2 | −1.36 | | |
| | | A RIPORTARE mq | −1.36 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                          Foglio n.   15

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | −1.36 | | |
| 364.31 | | (4.78−4.28)x(2.29+2.73)/2 | 1.25 | | |
| | | | | 0.11 | |
| W−25 364.31 | R4 | (5.49−4.78)x(1.67+2.29)/2 | 1.41 | | |
| | | (5.17−5.49)x(3.31+3.31)/2 | −1.06 | | |
| | | (4.78−5.17)x(2.72+2.71)/2 | −1.06 | | |
| | | | | 0.71 | |
| W−25 364.31 | R5 | (5.49−7.12)x(3.31+3.31)/2 | −5.40 | | |
| | | (7.12−5.49)x(0.24+1.67)/2 | 1.56 | | |
| | | | | 3.84 | |
| W−25 364.31 | R6 | (7.12−8.27)x(3.31+3.31)/2 | −3.81 | | |
| | | (7.40−7.12)x(0.00+0.24)/2 | 0.03 | | |
| | | (8.27−7.42)x(0.43+0.00)/2 | 0.18 | | |
| | | | | 3.60 | |
| W−25 364.31 | R7 | (9.42−8.27)x(1.00+0.43)/2 | 0.82 | | |
| | | (14.41−9.42)x(0.55+1.00)/2 | 3.87 | | |
| | | (8.27−14.41)x(3.31+3.31)/2 | −20.32 | | |
| | | | | 15.63 | |
| W−26 380.80 | R1 | (−7.00−−4.99)x(3.42+3.42)/2 | −6.87 | | |
| | | (−8.00−−7.00)x(3.57+3.57)/2 | −3.57 | | |
| | | (−8.27−−8.00)x(3.39+3.57)/2 | −0.94 | | |
| | | (−5.41−−8.27)x(3.12+3.39)/2 | 9.31 | | |
| | | (−5.37−−5.41)x(3.12+3.12)/2 | 0.12 | | |
| | | (−4.99−−5.37)x(3.16+3.12)/2 | 1.19 | | |
| | | | | 0.76 | |
| W−26 380.80 | R2 | (−4.65−−4.99)x(3.20+3.16)/2 | 1.08 | | |
| | | (−4.99−−4.65)x(3.42+3.42)/2 | −1.16 | | |
| | | | | 0.08 | |
| W−26 380.80 | S1 | (−4.65−−4.48)x(2.82+2.82)/2 | −0.48 | | |
| | | (−4.48−−4.65)x(3.22+3.20)/2 | 0.55 | | |
| | | | | 0.07 | |
| W−26 380.80 | S2 | (−4.17−−4.48)x(3.26+3.22)/2 | 1.00 | | |
| | | (4.28−−4.17)x(3.24+3.26)/2 | 27.46 | | |
| | | (0.00−4.28)x(2.79+2.68)/2 | −11.71 | | |
| | | (−4.48−0.00)x(2.82+2.79)/2 | −12.57 | | |
| | | | | 4.18 | |
| W−26 380.80 | S3 | (4.52−4.28)x(3.24+3.24)/2 | 0.78 | | |
| | | (4.78−4.52)x(3.24+3.24)/2 | 0.84 | | |
| | | (4.28−4.78)x(2.68+2.67)/2 | −1.34 | | |
| | | | | 0.28 | |
| W−26 380.80 | R3 | (7.12−4.78)x(3.27+3.24)/2 | 7.62 | | |
| | | (4.78−7.12)x(3.27+3.27)/2 | −7.65 | | |
| | | | | 0.03 | |
| W−26 380.80 | R4 | (10.47−8.29)x(1.00+0.00)/2 | 1.09 | | |
| | | (14.96−10.47)x(0.70+1.00)/2 | 3.82 | | |
| | | (8.27−14.96)x(3.27+3.27)/2 | −21.88 | | |
| | | | | 16.97 | |
| W−27 405.80 | R1 | (−7.00−−4.65)x(3.42+3.42)/2 | −8.04 | | |
| | | (−8.00−−7.00)x(3.57+3.57)/2 | −3.57 | | |
| | | (−9.53−−8.00)x(2.56+3.57)/2 | −4.69 | | |
| | | (−6.52−−9.53)x(2.95+2.56)/2 | 8.29 | | |
| | | (−4.65−−6.52)x(3.03+2.95)/2 | 5.59 | | |
| | | A RIPORTARE mq | 2.42 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                   Foglio n.   16

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | 2.42 | | |
| | | | | 2.42 | |
| W–27 405.80 | R2 | (–4.65––4.50)x(3.42+3.42)/2 | –0.51 | | |
| | | (–4.58––4.65)x(3.03+3.03)/2 | 0.21 | | |
| | | (–4.50––4.58)x(3.04+3.03)/2 | 0.24 | | |
| | | | | 0.06 | |
| W–27 405.80 | R3 | (–4.48––4.50)x(3.04+3.04)/2 | 0.06 | | |
| | | (–4.50––4.48)x(3.42+3.42)/2 | –0.07 | | |
| | | | | 0.01 | |
| W–27 405.80 | S1 | (4.52–4.78)x(3.20+3.20)/2 | –0.83 | | |
| | | (–4.48–4.52)x(2.82+2.60)/2 | –24.39 | | |
| | | (–3.12––4.48)x(3.19+3.04)/2 | 4.24 | | |
| | | (4.78––3.12)x(3.21+3.19)/2 | 25.28 | | |
| | | | | 4.30 | |
| W–27 405.80 | S2 | (4.78–7.12)x(3.20+3.20)/2 | –7.49 | | |
| | | (5.50–4.78)x(3.21+3.21)/2 | 2.31 | | |
| | | (7.12–5.50)x(3.22+3.21)/2 | 5.21 | | |
| | | | | 0.03 | |
| W–27 405.80 | S3 | (7.12–8.27)x(3.20+3.20)/2 | –3.68 | | |
| | | (8.27–7.12)x(3.24+3.22)/2 | 3.71 | | |
| | | | | 0.03 | |
| W–27 405.80 | S4 | (9.23–8.27)x(3.24+3.24)/2 | 3.11 | | |
| | | (8.27–9.23)x(3.20+3.20)/2 | –3.07 | | |
| | | | | 0.04 | |
| W–28 424.98 | R1 | (–7.67––9.79)x(2.30+2.32)/2 | 4.90 | | |
| | | (–4.50––7.67)x(2.92+2.30)/2 | 8.27 | | |
| | | (–7.00––4.50)x(3.37+3.37)/2 | –8.43 | | |
| | | (–8.00––7.00)x(3.52+3.52)/2 | –3.52 | | |
| | | (–9.79––8.00)x(2.32+3.52)/2 | –5.23 | | |
| | | | | 4.01 | |
| W–28 424.98 | S1 | (–4.50––4.48)x(2.77+2.77)/2 | –0.06 | | |
| | | (–4.48––4.50)x(2.92+2.92)/2 | 0.06 | | |
| W–28 424.98 | S2 | (–4.02––4.48)x(3.01+2.92)/2 | 1.36 | | |
| | | (–2.91––4.02)x(3.16+3.01)/2 | 3.42 | | |
| | | (5.80––2.91)x(3.22+3.16)/2 | 27.78 | | |
| | | (9.52–5.80)x(3.24+3.22)/2 | 12.02 | | |
| | | (4.50–9.52)x(3.14+3.14)/2 | –15.76 | | |
| | | (–4.48–4.50)x(2.77+2.54)/2 | –23.84 | | |
| | | | | 4.98 | |
| W–29 439.98 | R1 | (–4.50–8.95)x(3.00+2.84)/2 | 12.99 | | |
| | | (–7.00––4.50)x(3.32+3.32)/2 | –8.30 | | |
| | | (–8.00––7.00)x(3.47+3.47)/2 | –3.47 | | |
| | | (–8.95––8.00)x(2.84+3.47)/2 | –3.00 | | |
| | | | | 1.78 | |
| W–29 439.98 | S1 | (–4.31––4.50)x(3.00+3.00)/2 | 0.57 | | |
| | | (–4.28––4.31)x(3.00+3.00)/2 | 0.09 | | |
| | | (–3.05––4.28)x(3.17+3.00)/2 | 3.79 | | |
| | | (5.64––3.05)x(3.19+3.17)/2 | 27.63 | | |
| | | (7.49–5.64)x(3.10+3.19)/2 | 5.82 | | |
| | | (4.50–7.49)x(3.10+3.10)/2 | –9.27 | | |
| | | (–4.50–4.50)x(2.72+2.50)/2 | –23.49 | | |
| | | A RIPORTARE mq | 5.14 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                    Foglio n.   17

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | 5.14 | | |
| | | | | 5.14 | |
| W–30 454.99 | R1 | (–4.57––8.49)x(2.99+3.10)/2 | 11.94 | | |
| | | (–4.50––4.57)x(3.00+2.99)/2 | 0.21 | | |
| | | (–7.00––4.50)x(3.28+3.28)/2 | –8.20 | | |
| | | (–8.00––7.00)x(3.43+3.43)/2 | –3.43 | | |
| | | (–8.49––8.00)x(3.10+3.43)/2 | –1.60 | | |
| | | | | 1.08 | |
| W–30 454.99 | S1 | (–4.16––4.50)x(3.03+3.00)/2 | 1.03 | | |
| | | (–4.14––4.16)x(3.03+3.03)/2 | 0.06 | | |
| | | (–4.13––4.14)x(3.03+3.03)/2 | 0.03 | | |
| | | (–3.36––4.13)x(3.12+3.03)/2 | 2.37 | | |
| | | (–0.68––3.36)x(3.11+3.12)/2 | 8.35 | | |
| | | (0.27––0.68)x(3.10+3.11)/2 | 2.95 | | |
| | | (4.50–0.27)x(3.10+3.10)/2 | 13.11 | | |
| | | (–4.50–4.50)x(2.68+2.45)/2 | –23.09 | | |
| | | | | 4.81 | |
| W–31 470.01 | R1 | (–5.88––9.05)x(2.43+2.68)/2 | 8.10 | | |
| | | (–5.86––5.88)x(1.91+2.43)/2 | 0.04 | | |
| | | (–4.81––5.86)x(2.14+1.91)/2 | 2.13 | | |
| | | (–4.79––4.81)x(3.13+2.14)/2 | 0.05 | | |
| | | (–4.50––4.79)x(3.13+3.13)/2 | 0.91 | | |
| | | (–7.00––4.50)x(3.23+3.23)/2 | –8.07 | | |
| | | (–8.00––7.00)x(3.38+3.38)/2 | –3.38 | | |
| | | (–9.05––8.00)x(2.68+3.38)/2 | –3.18 | | |
| | | | | 3.40 | |
| W–31 470.01 | S1 | (–3.63––4.50)x(3.14+3.13)/2 | 2.73 | | |
| | | (5.21–3.63)x(3.06+3.14)/2 | 27.40 | | |
| | | (8.81–5.21)x(3.18+3.06)/2 | 11.23 | | |
| | | (8.82–8.81)x(3.01+3.18)/2 | 0.03 | | |
| | | (4.50–8.82)x(3.01+3.01)/2 | –13.00 | | |
| | | (–4.50–4.50)x(2.63+2.41)/2 | –22.68 | | |
| | | | | 5.71 | |
| W–32 485.06 | R1 | (–5.04––8.64)x(3.03+2.91)/2 | 10.69 | | |
| | | (–5.02––5.04)x(3.03+3.03)/2 | 0.06 | | |
| | | (–4.99––5.02)x(3.03+3.03)/2 | 0.09 | | |
| | | (–4.50––4.99)x(3.02+3.03)/2 | 1.48 | | |
| | | (–7.00––4.50)x(3.19+3.19)/2 | –7.97 | | |
| | | (–8.00––7.00)x(3.34+3.34)/2 | –3.34 | | |
| | | (–8.64––8.00)x(2.91+3.34)/2 | –2.00 | | |
| | | | | 0.99 | |
| W–32 485.06 | S1 | (–3.81––4.50)x(3.01+3.02)/2 | 2.08 | | |
| | | (5.00––3.81)x(3.03+3.01)/2 | 26.61 | | |
| | | (8.54–5.00)x(3.00+3.03)/2 | 10.67 | | |
| | | (8.64–8.54)x(3.01+3.00)/2 | 0.30 | | |
| | | (4.50–8.64)x(2.96+2.96)/2 | –12.25 | | |
| | | (–4.50–4.50)x(2.59+2.36)/2 | –22.27 | | |
| | | | | 5.14 | |
| W–33 503.20 | R1 | (–5.27––8.26)x(3.00+3.11)/2 | 9.13 | | |
| | | (–5.23––5.27)x(3.00+3.00)/2 | 0.12 | | |
| | | (–4.50––5.23)x(2.97+3.00)/2 | 2.18 | | |
| | | (–7.00––4.50)x(3.13+3.13)/2 | –7.82 | | |
| | | A RIPORTARE mq | 3.61 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                    Foglio n.   18

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | 3.61 | | |
| | | (−8.00−−7.00)x(3.28+3.28)/2 | −3.28 | | |
| | | (−8.26−−8.00)x(3.11+3.28)/2 | −0.83 | | |
| | | | | 0.50 | |
| W−33 503.20 | S1 | (−4.50−−4.49)x(2.53+2.53)/2 | −0.03 | | |
| | | (−4.49−−4.50)x(2.97+2.97)/2 | 0.03 | | |
| W−33 503.20 | S2 | (−3.96−−4.49)x(2.94+2.97)/2 | 1.57 | | |
| | | (4.65−−3.96)x(3.01+2.94)/2 | 25.61 | | |
| | | (8.44−4.65)x(3.13+3.01)/2 | 11.64 | | |
| | | (8.45−8.44)x(2.91+3.13)/2 | 0.03 | | |
| | | (4.50−8.45)x(2.91+2.91)/2 | −11.49 | | |
| | | (−4.49−4.50)x(2.53+2.31)/2 | −21.76 | | |
| | | | | 5.60 | |
| W−34 517.20 | R1 | (−8.00−−7.00)x(3.24+3.24)/2 | −3.24 | | |
| | | (−8.21−−8.00)x(3.10+3.24)/2 | −0.67 | | |
| | | (−7.00−8.21)x(3.07+3.10)/2 | 3.73 | | |
| | | | | 0.18 | |
| W−34 517.20 | R2 | (−5.42−−7.00)x(3.04+3.07)/2 | 4.83 | | |
| | | (−5.38−5.42)x(3.04+3.04)/2 | 0.12 | | |
| | | (−4.50−5.38)x(3.00+3.04)/2 | 2.66 | | |
| | | (−7.00−4.50)x(3.09+3.09)/2 | −7.72 | | |
| | | | | 0.11 | |
| W−34 517.20 | R3 | (−4.49−4.50)x(3.00+3.00)/2 | 0.03 | | |
| | | (−4.50−4.49)x(3.09+3.09)/2 | −0.03 | | |
| W−34 517.20 | S1 | (−4.13−−4.49)x(2.99+3.00)/2 | 1.08 | | |
| | | (4.53−4.13)x(3.00+2.99)/2 | 25.94 | | |
| | | (8.28−4.53)x(3.11+3.00)/2 | 11.46 | | |
| | | (4.49−8.28)x(2.86+2.86)/2 | −10.84 | | |
| | | (−4.49−4.49)x(2.49+2.26)/2 | −21.33 | | |
| | | | | 6.31 | |
| W−35 530.80 | R1 | (−7.00−8.09)x(3.14+3.13)/2 | 3.42 | | |
| | | (−8.00−−7.00)x(3.19+3.19)/2 | −3.19 | | |
| | | (−8.09−8.00)x(3.13+3.19)/2 | −0.28 | | |
| | | | | 0.05 | |
| W−35 530.80 | S1 | (−7.00−4.49)x(3.04+3.04)/2 | −7.63 | | |
| | | (−5.44−−7.00)x(3.15+3.14)/2 | 4.91 | | |
| | | (−5.40−5.44)x(3.15+3.15)/2 | 0.13 | | |
| | | (−4.49−5.40)x(3.10+3.15)/2 | 2.84 | | |
| | | | | 0.25 | |
| W−35 530.80 | S2 | (−4.22−−4.49)x(3.08+3.10)/2 | 0.83 | | |
| | | (4.40−−4.22)x(2.91+3.08)/2 | 25.82 | | |
| | | (8.19−4.40)x(3.08+3.08)/2 | 11.67 | | |
| | | (8.20−8.19)x(2.83+3.08)/2 | 0.03 | | |
| | | (4.40−8.20)x(2.83+2.83)/2 | −10.75 | | |
| | | (−4.43−4.40)x(2.44+2.23)/2 | −20.62 | | |
| | | (−4.49−4.43)x(3.04+3.04)/2 | −0.18 | | |
| | | | | 6.80 | |
| W−36 545.80 | R1 | (−7.00−8.12)x(3.02+2.99)/2 | 3.37 | | |
| | | (−8.00−−7.00)x(3.08+3.08)/2 | −3.08 | | |
| | | (−8.12−8.00)x(2.99+3.08)/2 | −0.36 | | |
| | | A RIPORTARE mq | 0.07 | | |

**Ponte sullo Stretto di Messina**

PROGETTO DEFINITIVO

Stretto di Messina

EurolinK

| TABULATI MOVIMENTI MATERIA | Codice documento | Rev | Data |
|---|---|---|---|
| | CS0135_F0.doc | F0 | 20/06/2011 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE AREE                                    Foglio n.   19

STERRI E RIPORTI

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | AREA ELEMENTARE mq | AREA FIGURA mq | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO mq | 0.07 | | |
| | | | | 0.07 | |
| W–36 545.80 | S2 | (−5.51−−7.00)x(3.05+3.02)/2 | 4.52 | | |
| | | (−4.19−−5.51)x(2.98+3.05)/2 | 3.98 | | |
| | | (4.31−−4.19)x(2.84+2.98)/2 | 24.73 | | |
| | | (8.12−4.31)x(3.04+3.04)/2 | 11.58 | | |
| | | (8.13−8.12)x(2.78+3.04)/2 | 0.03 | | |
| | | (4.24−8.13)x(2.78+2.78)/2 | −10.81 | | |
| | | (0.00−4.24)x(2.29+2.18)/2 | −9.48 | | |
| | | (−4.25−0.00)x(2.33+2.29)/2 | −9.82 | | |
| | | (−7.00−−4.25)x(2.93+2.93)/2 | −8.06 | | |
| | | | | 6.67 | |
| W–37 560.80 | R1 | (−8.00−−7.00)x(2.97+2.97)/2 | −2.97 | | |
| | | (−8.13−−8.00)x(2.88+2.97)/2 | −0.38 | | |
| | | (−7.00−8.13)x(2.88+2.88)/2 | 3.25 | | |
| | | | | 0.10 | |
| W–37 560.80 | S1 | (−7.00−−5.08)x(2.82+2.82)/2 | −5.41 | | |
| | | (−5.08−−7.00)x(2.87+2.88)/2 | 5.52 | | |
| | | | | 0.11 | |
| W–37 560.80 | S2 | (−4.47−−5.08)x(2.87+2.87)/2 | 1.75 | | |
| | | (4.09−−4.47)x(2.79+2.87)/2 | 24.22 | | |
| | | (8.01−4.09)x(2.98+2.98)/2 | 11.68 | | |
| | | (4.09−8.01)x(2.74+2.74)/2 | −10.74 | | |
| | | (0.00−4.09)x(2.25+2.14)/2 | −8.98 | | |
| | | (−4.06−0.00)x(2.22+2.25)/2 | −9.07 | | |
| | | (−5.08−4.06)x(2.82+2.82)/2 | −2.88 | | |
| | | | | 5.98 | |
| W–38 578.87 | R1 | (−7.60−−7.00)x(2.84+2.84)/2 | −1.70 | | |
| | | (−8.19−−7.60)x(2.45+2.84)/2 | −1.56 | | |
| | | (−7.00−8.19)x(2.54+2.45)/2 | 2.97 | | |
| | | | | 0.29 | |
| W–38 578.87 | R2 | (−7.00−−6.60)x(2.84+2.84)/2 | −1.14 | | |
| | | (−6.60−−7.00)x(2.57+2.54)/2 | 1.02 | | |
| | | | | 0.12 | |
| W–38 578.87 | R3 | (−5.08−−6.60)x(2.69+2.57)/2 | 4.00 | | |
| | | (−6.60−−5.08)x(2.69+2.69)/2 | −4.09 | | |
| | | | | 0.09 | |
| W–38 578.87 | S1 | (−4.00−−5.08)x(2.78+2.69)/2 | 2.95 | | |
| | | (4.00−−4.00)x(2.78+2.78)/2 | 22.24 | | |
| | | (7.87−4.00)x(2.93+2.78)/2 | 11.05 | | |
| | | (4.00−7.87)x(2.69+2.69)/2 | −10.41 | | |
| | | (0.00−4.00)x(2.19+2.09)/2 | −8.56 | | |
| | | (−4.00−0.00)x(2.09+2.19)/2 | −8.56 | | |
| | | (−5.08−4.00)x(2.69+2.69)/2 | −2.91 | | |
| | | | | 5.80 | |
| W–39 583.87 | R1 | (−7.02−−7.88)x(2.80+2.64)/2 | 2.34 | | |
| | | (−6.60−−7.02)x(2.80+2.80)/2 | 1.18 | | |
| | | (−7.60−−6.60)x(2.83+2.83)/2 | −2.83 | | |
| | | (−7.88−−7.60)x(2.64+2.83)/2 | −0.77 | | |
| | | | | 0.08 | |

A RIPORTARE mq

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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

                    CALCOLO DELLE AREE                        Foglio n.   20

   STERRI E RIPORTI


                                                   AREA        AREA
                                                ELEMENTARE    FIGURA            NOTE
   N. SEZIONE FIG.        ELEMENTI DI CALCOLO       mq          mq
      PROG.

                                      RIPORTO mq

   W–39     S1    (–6.60––5.08)x(2.68+2.68)/2        –4.07
   583.87          (–5.08––6.60)x(2.78+2.80)/2        4.24
                                                                  0.17
   W–39     S2    (–4.00––5.08)x(2.76+2.78)/2         2.99
   583.87          (4.00––4.00)x(2.76+2.76)/2        22.08
                   (6.60–4.00)x(2.91+2.76)/2          7.37
                   (4.00–6.60)x(2.68+2.68)/2         –6.97
                   (0.00–4.00)x(2.18+2.08)/2         –8.52
                   (–4.00–0.00)x(2.08+2.18)/2        –8.52
                   (–5.08––4.00)x(2.68+2.68)/2       –2.89
                                                                  5.54
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   Il Direttore dei Lavori        L'Impresa
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                                   Foglio n.  21

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | RIPORTO mc | VOLUMI TOTALI STERRO mc | RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| W–1 | R1 | | 0.07 | (0.00) | | | | | |
| | | | | | 18.60 | | 2.697 | | |
| W–2 | R1 | | 0.22 | (18.60) | | | | | |
| W–1 | S1 | 0.12 | | (0.00) | 13.95 | 0.837 | | | |
| | | | | 0.12*18.60 | | | | | |
| | | | | | 13.95 | | | | |
| | | | | 0.12+0.04 | | | | | |
| W–2 | R2 | | 0.04 | (18.60) | 4.65 | | 0.093 | | |
| W–1 | S2 | 7.83 | | (0.00) | | | | | |
| | | | | | 18.60 | 146.568 | | | |
| W–2 | S1 | 0.01 | | (18.60) | | | | | |
| | S2 | 5.81 | | | | | | | |
| | S3 | 2.11 | | | | | | | |
| | | | | | | | | 147.405 | 2.790 |
| W–2 | R1 | | 0.22 | (18.60) | | | | | |
| | R2 | | 0.04 | | | | | | |
| | | | | | 17.00 | | 6.970 | | |
| W–3 | R1 | | 0.56 | (35.60) | | | | | |
| W–2 | S1 | 0.01 | | (18.60) | 8.50 | 0.043 | | | |
| | | | | 0.01*17.00 | | | | | |
| | | | | | 8.50 | | | | |
| | | | | 0.01+0.01 | | | | | |
| W–3 | R2 | | 0.01 | (35.60) | 8.50 | | 0.043 | | |
| W–2 | S2 | 5.81 | | (18.60) | | | | | |
| | | | | | 17.00 | 102.595 | | | |
| W–3 | S1 | 0.05 | | (35.60) | | | | | |
| | S2 | 6.09 | | | | | | | |
| | S3 | 0.12 | | | | | | | |
| W–2 | S3 | 2.11 | | (18.60) | 2.11 | 2.226 | | | |
| | | | | 2.11*17.00 | | | | | |
| | | | | | 2.11 | | | | |
| | | | | 2.11+14.90 | | | | | |
| W–3 | R3 | | 14.90 | (35.60) | 14.89 | | 110.931 | | |
| | | | | | | | | 104.864 | 117.944 |
| W–3 | R1 | | 0.56 | (35.60) | | | | | |
| | R2 | | 0.01 | | | | | | |
| | | | | | 16.99 | | 15.886 | | |
| W–4 | R1 | | 1.30 | (52.59) | | | | | |
| | | | | A RIPORTARE : | | 15.886 | 252.269 | 120.734 | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                          Foglio n.   22

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | SUPERFICIE RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | VOLUMI PARZIALI RIPORTO mc | VOLUMI TOTALI STERRO mc | VOLUMI TOTALI RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | 0.000 | 15.886 | 252.269 | 120.734 | |
| W–3 | S1 | 0.05 | | (35.60) | 4.25 | 0.106 | | | |
| | | | | 0.05*16.99 | 4.25 | | | | |
| | | | | 0.05+0.15 | | | | | |
| W–4 | R2 | | 0.09 | (52.59) | | | | | |
| | R3 | | 0.06 | | 12.74 | | 0.956 | | |
| W–3 | S2 | 6.09 | | (35.60) | | | | | |
| | | | | | 16.99 | 103.809 | | | |
| W–4 | S1 | 5.97 | | (52.59) | | | | | |
| | S2 | 0.16 | | | | | | | |
| W–3 | S3 | 0.12 | | (35.60) | 1.77 | 0.106 | | | |
| | | | | 0.12*16.99 | 1.77 | | | | |
| | | | | 0.12+1.03 | | | | | |
| W–4 | R4 | | 1.03 | (52.59) | 15.22 | | 7.838 | | |
| W–3 | R3 | | 14.90 | (35.60) | | | | | |
| | | | | | 16.99 | | 270.821 | | |
| W–4 | R5 | | 16.98 | (52.59) | | | | | |
| | | | | | | | | 104.021 | 295.501 |
| W–4 | R1 | | 1.30 | (52.59) | | | | | |
| | R2 | | 0.09 | | | | | | |
| | | | | | 12.43 | | 19.267 | | |
| W–5 | R1 | | 1.63 | (65.02) | | | | | |
| | R2 | | 0.08 | | | | | | |
| W–4 | R3 | | 0.06 | (52.59) | 3.24 | | 0.097 | | |
| | | | | 0.06*12.43 | 3.24 | | | | |
| | | | | 0.06+0.17 | | | | | |
| W–5 | S1 | 0.17 | | (65.02) | 9.19 | 0.781 | | | |
| W–4 | S1 | 5.97 | | (52.59) | | | | | |
| | | | | | 12.43 | 75.574 | | | |
| W–5 | S2 | 5.87 | | (65.02) | | | | | |
| | S3 | 0.32 | | | | | | | |
| W–4 | S2 | 0.16 | | (52.59) | 1.23 | 0.098 | | | |
| | | | | 0.16*12.43 | 1.23 | | | | |
| | | | | 0.16+1.46 | | | | | |
| W–5 | R3 | | 1.46 | (65.02) | 11.20 | | 8.176 | | |
| W–4 | R4 | | 1.03 | (52.59) | | | | | |
| | R5 | | 16.98 | | | | | | |
| | | | | | 12.43 | | 226.910 | | |
| W–5 | R4 | | 18.50 | (65.02) | | | | | |
| | | | | | | | | 76.453 | 254.450 |
| W–5 | R1 | | 1.63 | (65.02) | | | | | |
| | | | | A RIPORTARE : | | | | 432.743 | 670.685 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI     Foglio n. 23

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | SUPERFICIE RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | VOLUMI PARZIALI RIPORTO mc | VOLUMI TOTALI STERRO mc | VOLUMI TOTALI RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | 0.000 | | | 432.743 | 670.685 |
| | | | | | 15.00 | | 25.875 | | |
| W–6 | R1 | | 1.72 | (80.02) | | | | | |
| | R2 | | 0.10 | | | | | | |
| W–5 | R2 | | 0.08 | (65.02) | 4.44 | | 0.178 | | |
| | | | | 0.08*15.00 | | | | | |
| | | | | | 4.44 | | | | |
| | | | | 0.08+0.19 | | | | | |
| W–6 | S1 | 0.19 | | (80.02) | 10.56 | 1.003 | | | |
| W–5 | S1 | 0.17 | | (65.02) | | | | | |
| | S2 | 5.87 | | | | | | | |
| | | | | | 15.00 | 89.175 | | | |
| W–6 | S2 | 4.65 | | (80.02) | | | | | |
| | S3 | 1.20 | | | | | | | |
| W–5 | S3 | 0.32 | | (65.02) | 1.83 | 0.293 | | | |
| | | | | 0.32*15.00 | | | | | |
| | | | | | 1.83 | | | | |
| | | | | 0.32+2.31 | | | | | |
| W–6 | R3 | | 2.31 | (80.02) | 13.17 | | 15.211 | | |
| W–5 | R3 | | 1.46 | (65.02) | | | | | |
| | R4 | | 18.50 | | | | | | |
| | | | | | 15.00 | | 300.300 | | |
| W–6 | R4 | | 20.08 | (80.02) | | | | | |
| | | | | | | | | 90.471 | 341.564 |
| W–6 | R1 | | 1.72 | (80.02) | | | | | |
| | | | | | 16.82 | | 28.762 | | |
| W–7 | R1 | | 1.60 | (96.84) | | | | | |
| | R2 | | 0.10 | | | | | | |
| W–6 | R2 | | 0.10 | (80.02) | 6.23 | | 0.312 | | |
| | | | | 0.10*16.82 | | | | | |
| | | | | | 6.23 | | | | |
| | | | | 0.10+0.17 | | | | | |
| W–7 | S1 | 0.17 | | (96.84) | 10.59 | 0.900 | | | |
| W–6 | S1 | 0.19 | | (80.02) | | | | | |
| | S2 | 4.65 | | | | | | | |
| | | | | | 16.82 | 78.886 | | | |
| W–7 | S2 | 3.09 | | (96.84) | | | | | |
| | S3 | 1.45 | | | | | | | |
| W–6 | S3 | 1.20 | | (80.02) | 4.59 | 2.754 | | | |
| | | | | 1.20*16.82 | | | | | |
| | | | | | 4.59 | | | | |
| | | | | 1.20+3.20 | | | | | |
| W–7 | R3 | | 3.20 | (96.84) | 12.23 | | 19.568 | | |
| W–6 | R3 | | 2.31 | (80.02) | | | | | |
| | R4 | | 20.08 | | | | | | |
| | | | | | 16.82 | | 362.807 | | |
| | | | | A RIPORTARE : | | 82.540 | 411.449 | 523.214 | 1012.249 |

**Stretto di Messina**

EurolinK

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

TABULATI MOVIMENTI MATERIA

| Codice documento | Rev | Data |
|---|---|---|
| CS0135_F0.doc | F0 | 20/06/2011 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI        Foglio n. 24

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | SUPERFICIE RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | VOLUMI PARZIALI RIPORTO mc | VOLUMI TOTALI STERRO mc | VOLUMI TOTALI RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | | 82.540 | 411.449 | 523.214 | 1012.249 |
| W–7 | R4 | | 20.75 | (96.84) | | | | | |
| | | | | | | | | 82.540 | 411.449 |
| W–7 | R1 | | 1.60 | (96.84) | | | | | |
| | | | | | 18.21 | | 18.938 | | |
| W–8 | R1 | | 0.22 | (115.05) | | | | | |
| | R2 | | 0.26 | | | | | | |
| W–7 | R2 | | 0.10 | (96.84) | 5.69 | | 0.285 | | |
| | | | | 0.10*18.21 | | | | | |
| | | | | | 5.69 | | | | |
| | | | | 0.10+0.22 | | | | | |
| W–8 | S1 | 0.22 | | (115.05) | 12.52 | 1.377 | | | |
| W–7 | S1 | 0.17 | | (96.84) | | | | | |
| | S2 | 3.09 | | | | | | | |
| | | | | | 18.21 | 63.280 | | | |
| W–8 | S2 | 3.28 | | (115.05) | | | | | |
| | S3 | 0.41 | | | | | | | |
| W–7 | S3 | 1.45 | | (96.84) | 4.92 | 3.567 | | | |
| | | | | 1.45*18.21 | | | | | |
| | | | | | 4.92 | | | | |
| | | | | 1.45+3.92 | | | | | |
| W–8 | R3 | | 3.92 | (115.05) | 13.29 | | 26.048 | | |
| W–7 | R3 | | 3.20 | (96.84) | | | | | |
| | R4 | | 20.75 | | | | | | |
| | | | | | 18.21 | | 403.534 | | |
| W–8 | R4 | | 20.37 | (115.05) | | | | | |
| | | | | | | | | 68.224 | 448.805 |
| W–8 | R1 | | 0.22 | (115.05) | | | | | |
| | | | | | 5.77 | | 1.125 | | |
| W–9 | R1 | | 0.06 | (120.82) | | | | | |
| | R2 | | 0.11 | | | | | | |
| W–8 | R2 | | 0.26 | (115.05) | 3.41 | | 0.443 | | |
| | | | | 0.26*5.77 | | | | | |
| | | | | | 3.41 | | | | |
| | | | | 0.26+0.18 | | | | | |
| W–9 | S1 | 0.18 | | (120.82) | 2.36 | 0.212 | | | |
| W–8 | S1 | 0.22 | | (115.05) | | | | | |
| | S2 | 3.28 | | | | | | | |
| | | | | | 5.77 | 22.647 | | | |
| W–9 | S2 | 3.30 | | (120.82) | | | | | |
| | S3 | 1.05 | | | | | | | |
| W–8 | S3 | 0.41 | | (115.05) | 1.89 | 0.387 | | | |
| | | | | A RIPORTARE : | | 23.246 | 1.568 | 673.978 | 1872.503 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

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                    COMPUTO STERRI E RIPORTI                        Foglio n.   25

   N.           SUPERFICIE          PUNTI DI PASSAGGIO              VOLUMI PARZIALI          VOLUMI TOTALI
  SEZ.   FIG.  STERRO  RIPORTO      (PROGRESSIVA m)      DISTANZA   STERRO   RIPORTO      STERRO    RIPORTO
               mq      mq                                 m        mc       mc           mc        mc

                                                        RIPORTO :  23.246   1.568        673.978   1872.503

                                    0.41*5.77
                                                         1.89
                                    0.41+0.84
  W–9    R3             0.84 (120.82)                     3.88               1.630

  W–8    R3             3.92 (115.05)
         R4            20.37
                                                         5.77               148.404
  W–9    R4            27.15 (120.82)

                                                                            23.246    151.602

  W–9    R1             0.06 (120.82)
                                                        15.01               1.651
  W–10   R1             0.12 (135.83)
         R2             0.04

  W–9    R2             0.11 (120.82)                    13.76               0.757
                                    0.11*15.01
                                                        13.76
                                    0.11+0.01
  W–10   S1    0.01          (135.83)                    1.25     0.006

  W–9    S1    0.18          (120.82)
         S2    3.30
                                                        15.01    52.460
  W–10   S2    2.65          (135.83)
         S3    0.86

  W–9    S3    1.05          (120.82)                   12.12     6.363
                                    1.05*15.01
                                                        12.12
                                    1.05+0.25
  W–10   R3             0.25 (135.83)                     2.89               0.361

  W–9    R3             0.84 (120.82)
         R4            27.15
                                                        15.01               274.158
  W–10   R4             8.54 (135.83)

                                                                            58.829    276.927

  W–10   R1             0.12 (135.83)
                                                        15.89               2.384
  W–11   R1             0.18 (151.72)
         R2             0.00

  W–10   R2             0.04 (135.83)                    15.89               0.318
                                    0.04*15.89
                                                        15.89
                                    0.04+0.00
  W–11   S1    0.00          (151.72)                    0.00     0.000

  W–10   S1    0.01          (135.83)
         S2    2.65

                                    A RIPORTARE :                 2.702     756.053    2301.032
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

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                         COMPUTO STERRI E RIPORTI                      Foglio n.  26

    N.           SUPERFICIE          PUNTI DI PASSAGGIO              VOLUMI PARZIALI        VOLUMI TOTALI
    SEZ.  FIG.  STERRO  RIPORTO       (PROGRESSIVA m)     DISTANZA  STERRO   RIPORTO     STERRO    RIPORTO
                 mq      mq                                  m       mc       mc          mc        mc

                                                   RIPORTO :   0.000    2.702       756.053   2301.032

                                                     15.89   43.141
    W-11   S2    2.31             (151.72)
           S3    0.46

    W-10   S3    0.86             (135.83)            3.62    1.557
                                      0.86*15.89
                                                     3.62
                                      0.86+2.92
    W-11   R3            2.92    (151.72)            12.27             17.914

    W-10   R3            0.25    (135.83)
           R4            8.54
                                                     15.89            180.193
    W-11   R4           13.89    (151.72)

                                                                              44.698    200.809

    W-11   R1            0.18    (151.72)
                                                     15.00             2.700
    W-12   R1            0.18    (166.72)


    W-11   S1    0.00            (151.72)
           S2    2.31
                                                     15.00   34.650
    W-12   S2    0.13            (166.72)
           S3    2.00
           S4    0.18

    W-11   S3    0.46            (151.72)              3.42    0.787
                                      0.46*15.00
                                                     3.42
                                      0.46+1.56
    W-12   R2            1.56    (166.72)             11.58             9.032

    W-11   R3            2.92    (151.72)
           R4           13.89
                                                     15.00            497.850
    W-12   R3           49.57    (166.72)

                                                                              35.437    509.582

    W-12   R1            0.18    (166.72)
                                                     15.04             2.632
    W-13   R1            0.17    (181.76)

    W-12   S1    0.00            (166.72)
           S2    0.13                                 15.04    0.978
                                      0.13*15.04
                                                     15.04
                                      0.13+0.00
    W-13   R2            0.00    (181.76)              0.00             0.000

    W-12   S3    2.00            (166.72)
                                                     15.04   29.704

                                     A RIPORTARE :   30.682    2.632       836.188   3011.423
```

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                    Foglio n.   27

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | RIPORTO mc | VOLUMI TOTALI STERRO mc | RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | | 30.682 | 2.632 | 836.188 | 3011.423 |
| W–13 | S1 | 0.00 | | (181.76) | | | | | |
| | S2 | 1.95 | | | | | | | |
| W–12 | S4 | 0.18 | | (166.72) | 3.34 | 0.301 | | | |
| | | | | 0.18*15.04 | 3.34 | | | | |
| | | | | 0.18+0.63 | | | | | |
| W–13 | R3 | | 0.01 | (181.76) | | | | | |
| | R4 | | 0.62 | | 11.70 | | 3.685 | | |
| W–12 | R2 | | 1.56 | (166.72) | | | | | |
| | R3 | | 49.57 | | 15.04 | | 834.795 | | |
| W–13 | R5 | | 59.88 | (181.76) | | | | | |
| | | | | | | | | 30.983 | 841.112 |
| W–13 | R1 | | 0.17 | (181.76) | | | | | |
| | R2 | | 0.00 | | 11.27 | | 3.663 | | |
| W–14 | R1 | | 0.48 | (193.03) | | | | | |
| W–13 | S1 | 0.00 | | (181.76) | 0.00 | 0.000 | | | |
| | | | | 0.00*11.27 | 0.00 | | | | |
| | | | | 0.00+0.01 | | | | | |
| W–14 | R2 | | 0.01 | (193.03) | 11.27 | | 0.056 | | |
| W–13 | S2 | 1.95 | | (181.76) | | | | | |
| | | | | | 11.27 | 21.638 | | | |
| W–14 | S1 | 1.89 | | (193.03) | | | | | |
| W–13 | R3 | | 0.01 | (181.76) | 5.63 | | 0.028 | | |
| | | | | 0.01*11.27 | 5.63 | | | | |
| | | | | 0.01+0.01 | | | | | |
| W–14 | S2 | 0.01 | | (193.03) | 5.64 | 0.028 | | | |
| W–13 | R4 | | 0.62 | (181.76) | | | | | |
| | R5 | | 59.88 | | 11.27 | | 712.827 | | |
| W–14 | R3 | | 0.48 | (193.03) | | | | | |
| | R4 | | 65.52 | | | | | | |
| | | | | | | | | 21.666 | 716.574 |
| W–14 | R1 | | 0.48 | (193.03) | | | | | |
| | R2 | | 0.01 | | 15.06 | | 9.262 | | |
| W–15 | R1 | | 0.74 | (208.09) | | | | | |
| W–14 | S1 | 1.89 | | (193.03) | | | | | |
| | S2 | 0.01 | | | 15.06 | 28.012 | | | |
| W–15 | S1 | 1.82 | | (208.09) | | | | | |
| | | | | A RIPORTARE : | | 28.012 | 9.262 | 888.837 | 4569.109 |
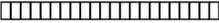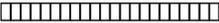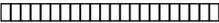
COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                    Foglio n.  28

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | RIPORTO mc | VOLUMI TOTALI STERRO mc | RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | 28.012 | 9.262 | | 888.837 | 4569.109 |
| W–14 | R3 | | 0.48 | (193.03) | 11.47 | | 2.753 | | |
| | | | | 0.48*15.06 | 11.47 | | | | |
| | | | | 0.48+0.15 | | | | | |
| W–15 | S2 | 0.15 | | (208.09) | 3.59 | 0.269 | | | |
| W–14 | R4 | | 65.52 | (193.03) | | | | | |
| | | | | | 15.06 | | 966.626 | | |
| W–15 | R2 | | 1.57 | (208.09) | | | | | |
| | R3 | | 61.28 | | | | | | |
| | | | | | | | | 28.281 | 978.641 |
| W–15 | R1 | | 0.74 | (208.09) | | | | | |
| | | | | | 15.02 | | 11.040 | | |
| W–16 | R1 | | 0.73 | (223.11) | | | | | |
| W–15 | S1 | 1.82 | | (208.09) | | | | | |
| | S2 | 0.15 | | | | | | | |
| | | | | | 15.02 | 28.838 | | | |
| W–16 | S1 | 1.87 | | (223.11) | | | | | |
| W–15 | R2 | | 1.57 | (208.09) | 11.62 | | 9.122 | | |
| | | | | 1.57*15.02 | 11.62 | | | | |
| | | | | 1.57+0.46 | | | | | |
| W–16 | S2 | 0.46 | | (223.11) | 3.40 | 0.782 | | | |
| W–15 | R3 | | 61.28 | (208.09) | | | | | |
| | | | | | 15.02 | | 878.820 | | |
| W–16 | R2 | | 2.24 | (223.11) | | | | | |
| | R3 | | 53.50 | | | | | | |
| | | | | | | | | 29.620 | 898.982 |
| W–16 | R1 | | 0.73 | (223.11) | | | | | |
| | | | | | 15.00 | | 8.250 | | |
| W–17 | R1 | | 0.37 | (238.11) | | | | | |
| W–16 | S1 | 1.87 | | (223.11) | | | | | |
| | S2 | 0.46 | | | | | | | |
| | | | | | 15.00 | 34.125 | | | |
| W–17 | S1 | 0.00 | | (238.11) | | | | | |
| | S2 | 2.22 | | | | | | | |
| W–16 | R2 | | 2.24 | (223.11) | 11.83 | | 13.250 | | |
| | | | | 2.24*15.00 | 11.83 | | | | |
| | | | | 2.24+0.60 | | | | | |
| W–17 | S3 | 0.60 | | (238.11) | 3.17 | 0.951 | | | |
| W–16 | R3 | | 53.50 | (223.11) | | | | | |
| | | | | | 15.00 | | 776.250 | | |
| W–17 | R2 | | 3.89 | (238.11) | | | | | |
| | | | | A RIPORTARE : | 35.076 | 797.750 | | 946.738 | 6446.732 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | COMPUTO STERRI E RIPORTI | | | | Foglio n. 29 | |

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | SUPERFICIE RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | VOLUMI PARZIALI RIPORTO mc | VOLUMI TOTALI STERRO mc | VOLUMI TOTALI RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | | 35.076 | 797.750 | 946.738 | 6446.732 |
| | R3 | | 46.11 | | | | | | |
| | | | | | | | | 35.076 | 797.750 |
| W–17 | R1 | | 0.37 | (238.11) | | | | | |
| | | | | | 18.02 | | 6.487 | | |
| W–18 | R1 | | 0.35 | (256.13) | | | | | |
| W–17 | S2 | 2.22 | | (238.11) | | | | | |
| | S3 | 0.60 | | | | | | | |
| | | | | | 18.02 | 49.105 | | | |
| W–18 | S1 | 2.63 | | (256.13) | | | | | |
| W–17 | R2 | | 3.89 | (238.11) | 14.31 | | 27.833 | | |
| | | | | 3.89*18.02 | | | | | |
| | | | | | 14.31 | | | | |
| | | | | 3.89+1.01 | | | | | |
| W–18 | S2 | 1.01 | | (256.13) | 3.71 | 1.874 | | | |
| W–17 | R3 | | 46.11 | (238.11) | | | | | |
| | | | | | 18.02 | | 809.278 | | |
| W–18 | R3 | | 4.00 | (256.13) | | | | | |
| | R4 | | 39.71 | | | | | | |
| | | | | | | | | 50.979 | 843.598 |
| W–18 | R1 | | 0.35 | (256.13) | | | | | |
| | | | | | 19.55 | | 16.227 | | |
| W–19 | R1 | | 1.31 | (275.68) | | | | | |
| W–18 | S1 | 2.63 | | (256.13) | | | | | |
| | S2 | 1.01 | | | | | | | |
| | | | | | 19.55 | 68.327 | | | |
| W–19 | S2 | 0.02 | | (275.68) | | | | | |
| | S3 | 3.33 | | | | | | | |
| W–18 | R3 | | 4.00 | (256.13) | 15.52 | | 31.040 | | |
| | | | | 4.00*19.55 | | | | | |
| | | | | | 15.52 | | | | |
| | | | | 4.00+1.04 | | | | | |
| W–19 | S4 | 1.04 | | (275.68) | 4.03 | 2.096 | | | |
| W–18 | R4 | | 39.71 | (256.13) | | | | | |
| | | | | | 19.55 | | 615.727 | | |
| W–19 | R2 | | 2.22 | (275.68) | | | | | |
| | R3 | | 21.06 | | | | | | |
| | | | | | | | | 70.423 | 662.994 |
| W–19 | R1 | | 1.31 | (275.68) | | | | | |
| | | | | | 15.12 | | 15.196 | | |
| W–20 | R1 | | 0.63 | (290.80) | | | | | |
| | R2 | | 0.07 | | | | | | |
| | | | | A RIPORTARE : | | 15.196 | | 1103.216 | 8751.074 |

**Stretto di Messina**

EurolinK

**Ponte sullo Stretto di Messina**
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                          Foglio n.  30

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | SUPERFICIE RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | VOLUMI PARZIALI RIPORTO mc | VOLUMI TOTALI STERRO mc | VOLUMI TOTALI RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | 0.000 | 15.196 | | 1103.216 | 8751.074 |
| W–19 | S1 | 0.00 | | (275.68) | | | | | |
| | S2 | 0.02 | | | 15.12 | 0.151 | | | |
| | | | | 0.02*15.12 | | | | | |
| | | | | | 15.12 | | | | |
| | | | | 0.02+0.00 | | | | | |
| W–20 | R3 | | 0.00 | (290.80) | 0.00 | | 0.000 | | |
| W–19 | S3 | 3.33 | | (275.68) | | | | | |
| | S4 | 1.04 | | | 15.12 | 66.604 | | | |
| W–20 | S1 | 4.44 | | (290.80) | | | | | |
| W–19 | R2 | | 2.22 | (275.68) | 11.74 | | 13.031 | | |
| | | | | 2.22*15.12 | | | | | |
| | | | | | 11.74 | | | | |
| | | | | 2.22+0.64 | | | | | |
| W–20 | S2 | 0.64 | | (290.80) | 3.38 | 1.082 | | | |
| W–19 | R3 | | 21.06 | (275.68) | | | | | |
| | | | | | 15.12 | | 321.451 | | |
| W–20 | R4 | | 1.69 | (290.80) | | | | | |
| | R5 | | 19.77 | | | | | | |
| | | | | | | | | 67.837 | 349.678 |
| W–20 | R1 | | 0.63 | (290.80) | | | | | |
| | | | | | 15.00 | | 7.275 | | |
| W–21 | R1 | | 0.34 | (305.80) | | | | | |
| W–20 | R2 | | 0.07 | (290.80) | | | | | |
| | R3 | | 0.00 | | 11.67 | | 0.408 | | |
| | | | | 0.07*15.00 | | | | | |
| | | | | | 11.67 | | | | |
| | | | | 0.07+0.02 | | | | | |
| W–21 | S1 | 0.02 | | (305.80) | 3.33 | 0.033 | | | |
| W–20 | S1 | 4.44 | | (290.80) | | | | | |
| | S2 | 0.64 | | | 15.00 | 75.675 | | | |
| W–21 | S2 | 0.14 | | (305.80) | | | | | |
| | S3 | 4.87 | | | | | | | |
| W–20 | R4 | | 1.69 | (290.80) | 11.22 | | 9.481 | | |
| | | | | 1.69*15.00 | | | | | |
| | | | | | 11.22 | | | | |
| | | | | 1.69+0.57 | | | | | |
| W–21 | S4 | 0.57 | | (305.80) | 3.78 | 1.077 | | | |
| W–20 | R5 | | 19.77 | (290.80) | | | | | |
| | | | | | 15.00 | | 294.900 | | |
| W–21 | R2 | | 1.24 | (305.80) | | | | | |
| | R3 | | 18.31 | | | | | | |
| | | | | | | | | 76.785 | 312.064 |

A RIPORTARE :

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COLLEGAMENTI VERSANTE CALABRIA - ASSE W

                    COMPUTO STERRI E RIPORTI                          Foglio n.   31

    N.              SUPERFICIE          PUNTI DI PASSAGGIO             VOLUMI PARZIALI        VOLUMI TOTALI
   SEZ.    FIG.   STERRO  RIPORTO       (PROGRESSIVA m)       DISTANZA  STERRO  RIPORTO     STERRO    RIPORTO
                    mq      mq                                  m        mc      mc          mc        mc

                                                             RIPORTO :


   W-21    R1              0.34 (305.80)
                                                              15.00            6.750
   W-22    R1              0.56 (320.80)

   W-21    S1     0.02          (305.80)
           S2     0.14                                         4.36    0.349
                                         0.16*15.00
                                                              4.36
                                         0.16+0.39
   W-22    R2              0.39 (320.80)                      10.64            2.075

   W-21    S3     4.87          (305.80)
           S4     0.57
                                                              15.00   69.225
   W-22    S1     0.18          (320.80)
           S2     3.61

   W-21    R2              1.24 (305.80)                      11.07            6.863
                                         1.24*15.00
                                                              11.07
                                         1.24+0.44
   W-22    S3     0.44          (320.80)                       3.93    0.865

   W-21    R3             18.31 (305.80)
                                                              15.00          159.525
   W-22    R3              0.11 (320.80)
           R4              2.85

                                                                                           70.439    175.213

   W-22    R1              0.56 (320.80)
           R2              0.39
                                                              15.00           13.725
   W-23    R1              0.88 (335.80)

   W-22    S1     0.18          (320.80)                      12.27    1.104
                                         0.18*15.00
                                                              12.27
                                         0.18+0.04
   W-23    R2              0.04 (335.80)                       2.73            0.055

   W-22    S2     3.61          (320.80)
           S3     0.44
                                                              15.00   63.150
   W-23    S1     0.18          (335.80)
           S2     4.19

   W-22    R3              0.11 (320.80)                       2.84            0.156
                                         0.11*15.00
                                                              2.84
                                         0.11+0.47
   W-23    S3     0.35          (335.80)
           S4     0.12                                        12.16    2.858


                                           A RIPORTARE :      67.112   13.936   1318.277   9588.029
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**Ponte sullo Stretto di Messina**

PROGETTO DEFINITIVO

Stretto di Messina

EurolinK

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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                     Foglio n.   32

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | SUPERFICIE RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | VOLUMI PARZIALI RIPORTO mc | VOLUMI TOTALI STERRO mc | VOLUMI TOTALI RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | | 67.112 | 13.936 | 1318.277 | 9588.029 |
| W–22 | R4 | | 2.85 | (320.80) | | | | | |
| | | | | | 15.00 | | 112.875 | | |
| W–23 | R3 | | 12.20 | (335.80) | | | | | |
| | | | | | | | | 67.112 | 126.811 |
| W–23 | R1 | | 0.88 | (335.80) | | | | | |
| | R2 | | 0.04 | | | | | | |
| | | | | | 13.51 | | 11.416 | | |
| W–24 | R1 | | 0.77 | (349.31) | | | | | |
| W–23 | S1 | 0.18 | | (335.80) | 11.58 | 1.042 | | | |
| | | | | 0.18*13.51 | | | | | |
| | | | | | 11.58 | | | | |
| | | | | 0.18+0.03 | | | | | |
| W–24 | R2 | | 0.03 | (349.31) | 1.93 | | 0.029 | | |
| W–23 | S2 | 4.19 | | (335.80) | | | | | |
| | S3 | 0.35 | | | | | | | |
| | | | | | 13.51 | 66.064 | | | |
| W–24 | S1 | 0.19 | | (349.31) | | | | | |
| | S2 | 4.37 | | | | | | | |
| | S3 | 0.68 | | | | | | | |
| W–23 | S4 | 0.12 | | (335.80) | 12.47 | 0.748 | | | |
| | | | | 0.12*13.51 | | | | | |
| | | | | | 12.47 | | | | |
| | | | | 0.12+0.01 | | | | | |
| W–24 | R3 | | 0.01 | (349.31) | 1.04 | | 0.005 | | |
| W–23 | R3 | | 12.20 | (335.80) | | | | | |
| | | | | | 13.51 | | 213.526 | | |
| W–24 | R4 | | 19.41 | (349.31) | | | | | |
| | | | | | | | | 67.854 | 224.976 |
| W–24 | R1 | | 0.77 | (349.31) | | | | | |
| | R2 | | 0.03 | | | | | | |
| | | | | | 15.00 | | 12.150 | | |
| W–25 | R1 | | 0.82 | (364.31) | | | | | |
| W–24 | S1 | 0.19 | | (349.31) | 11.40 | 1.083 | | | |
| | | | | 0.19*15.00 | | | | | |
| | | | | | 11.40 | | | | |
| | | | | 0.19+0.06 | | | | | |
| W–25 | R2 | | 0.06 | (364.31) | 3.60 | | 0.108 | | |
| W–24 | S2 | 4.37 | | (349.31) | | | | | |
| | | | | | 15.00 | 64.125 | | | |
| W–25 | S1 | 0.15 | | (364.31) | | | | | |
| | S2 | 4.03 | | | | | | | |
| W–24 | S3 | 0.68 | | (349.31) | 6.80 | 2.312 | | | |
| | | | | A RIPORTARE : | | 67.520 | 12.258 | 1453.243 | 9939.816 |

| | | **Ponte sullo Stretto di Messina**<br>PROGETTO DEFINITIVO | | |
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                                    Foglio n.  33

| N.<br>SEZ. | FIG. | SUPERFICIE<br>STERRO  RIPORTO<br>mq     mq | PUNTI DI PASSAGGIO<br>(PROGRESSIVA m) | DISTANZA<br>m | VOLUMI PARZIALI<br>STERRO   RIPORTO<br>mc       mc | VOLUMI TOTALI<br>STERRO    RIPORTO<br>mc         mc |
|---|---|---|---|---|---|---|
| | | | RIPORTO : | | 67.520    12.258 | 1453.243     9939.816 |
| | | | 0.68*15.00 | 6.80 | | |
| | | | 0.68+0.82 | | | |
| W–25 | R3 | 0.11 | (364.31) | | | |
| | R4 | 0.71 | | 8.20 | 3.362 | |
| W–24 | R3 | 0.01 | (349.31) | | | |
| | R4 | 19.41 | | 15.00 | 318.675 | |
| W–25 | R5 | 3.84 | (364.31) | | | |
| | R6 | 3.60 | | | | |
| | R7 | 15.63 | | | | |
| | | | | | | 67.520      334.295 |
| W–25 | R1 | 0.82 | (364.31) | | | |
| | R2 | 0.06 | | 16.49 | 13.522 | |
| W–26 | R1 | 0.76 | (380.80) | | | |
| W–25 | S1 | 0.15 | (364.31) | 10.75 | 0.806 | |
| | | | 0.15*16.49 | 10.75 | | |
| | | | 0.15+0.08 | | | |
| W–26 | R2 | 0.08 | (380.80) | 5.74 | 0.230 | |
| W–25 | S2 | 4.03 | (364.31) | 16.49 | 68.269 | |
| W–26 | S1 | 0.07 | (380.80) | | | |
| | S2 | 4.18 | | | | |
| W–25 | R3 | 0.11 | (364.31) | 4.65 | 0.256 | |
| | | | 0.11*16.49 | 4.65 | | |
| | | | 0.11+0.28 | | | |
| W–26 | S3 | 0.28 | (380.80) | 11.84 | 1.658 | |
| W–25 | R4 | 0.71 | (364.31) | | | |
| | R5 | 3.84 | | 16.49 | 37.762 | |
| W–26 | R3 | 0.03 | (380.80) | | | |
| W–25 | R6 | 3.60 | (364.31) | 16.49 | 29.682 | |
| W–26 | R0 | 0.00 | (380.80) | | | |
| W–25 | R7 | 15.63 | (364.31) | 16.49 | 268.787 | |
| W–26 | R4 | 16.97 | (380.80) | | | |
| | | | | | | 70.733      350.239 |
| W–26 | R1 | 0.76 | (380.80) | | | |
| | R2 | 0.08 | | 25.00 | 40.750 | |
| | | | A RIPORTARE : | | 40.750    1591.496 | 10624.350 |

**Ponte sullo Stretto di Messina**
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                           Foglio n.   34

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | RIPORTO mc | VOLUMI TOTALI STERRO mc | RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | 0.000 | 40.750 | | 1591.496 | 10624.350 |
| W–27 | R1 | | 2.42 | (405.80) | | | | | |
| W–26 | S1 | 0.07 | | (380.80) | 12.50 | 0.438 | | | |
| | | | | 0.07*25.00 | 12.50 | | | | |
| | | | | 0.07+0.07 | | | | | |
| W–27 | R2 | | 0.06 | (405.80) | | | | | |
| | R3 | | 0.01 | | 12.50 | | 0.438 | | |
| W–26 | S2 | 4.18 | | (380.80) | | | | | |
| | S3 | 0.28 | | | 25.00 | 109.500 | | | |
| W–27 | S1 | 4.30 | | (405.80) | | | | | |
| W–26 | R3 | | 0.03 | (380.80) | 12.50 | | 0.188 | | |
| | | | | 0.03*25.00 | 12.50 | | | | |
| | | | | 0.03+0.03 | | | | | |
| W–27 | S2 | 0.03 | | (405.80) | 12.50 | 0.188 | | | |
| W–26 | R4 | | 16.97 | (380.80) | 24.94 | | 211.616 | | |
| | | | | 16.97*25.00 | 24.94 | | | | |
| | | | | 16.97+0.04 | | | | | |
| W–27 | S4 | 0.04 | | (405.80) | 0.06 | 0.001 | | | |
| W–26 | S0 | 0.00 | | (380.80) | | | | | |
| | | | | | 25.00 | 0.375 | | | |
| W–27 | S3 | 0.03 | | (405.80) | | | | | |
| | | | | | | | | 110.502 | 252.992 |
| W–27 | R1 | | 2.42 | (405.80) | | | | | |
| | R2 | | 0.06 | | 19.18 | | 62.239 | | |
| W–28 | R1 | | 4.01 | (424.98) | | | | | |
| W–27 | R3 | | 0.01 | (405.80) | 19.18 | | 0.096 | | |
| | | | | 0.01*19.18 | 19.18 | | | | |
| | | | | 0.01+0.00 | | | | | |
| W–28 | S1 | 0.00 | | (424.98) | 0.00 | 0.000 | | | |
| W–27 | S1 | 4.30 | | (405.80) | | | | | |
| | S2 | 0.03 | | | | | | | |
| | S3 | 0.03 | | | | | | | |
| | S4 | 0.04 | | | 19.18 | 89.954 | | | |
| W–28 | S2 | 4.98 | | (424.98) | | | | | |
| | | | | | | | | 89.954 | 62.335 |
| W–28 | R1 | | 4.01 | (424.98) | | | | | |
| | | | | | 15.00 | | 43.425 | | |
| W–29 | R1 | | 1.78 | (439.98) | | | | | |
| | | | | A RIPORTARE : | | 43.425 | | 1791.952 | 10939.677 |

| | | **Ponte sullo Stretto di Messina** |
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                    Foglio n.   35

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | SUPERFICIE RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | VOLUMI PARZIALI RIPORTO mc | VOLUMI TOTALI STERRO mc | VOLUMI TOTALI RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | 0.000 | 43.425 | | 1791.952 | 10939.677 |
| W–28 | S1 | 0.00 | | (424.98) | | | | | |
| | S2 | 4.98 | | | | | | | |
| | | | | | 15.00 | 75.900 | | | |
| W–29 | S1 | 5.14 | | (439.98) | | | | | |
| | | | | | | | | 75.900 | 43.425 |
| W–29 | R1 | | 1.78 | (439.98) | | | | | |
| | | | | | 15.01 | | 21.464 | | |
| W–30 | R1 | | 1.08 | (454.99) | | | | | |
| W–29 | S1 | 5.14 | | (439.98) | | | | | |
| | | | | | 15.01 | 74.675 | | | |
| W–30 | S1 | 4.81 | | (454.99) | | | | | |
| | | | | | | | | 74.675 | 21.464 |
| W–30 | R1 | | 1.08 | (454.99) | | | | | |
| | | | | | 15.02 | | 33.645 | | |
| W–31 | R1 | | 3.40 | (470.01) | | | | | |
| W–30 | S1 | 4.81 | | (454.99) | | | | | |
| | | | | | 15.02 | 79.005 | | | |
| W–31 | S1 | 5.71 | | (470.01) | | | | | |
| | | | | | | | | 79.005 | 33.645 |
| W–31 | R1 | | 3.40 | (470.01) | | | | | |
| | | | | | 15.05 | | 33.035 | | |
| W–32 | R1 | | 0.99 | (485.06) | | | | | |
| W–31 | S1 | 5.71 | | (470.01) | | | | | |
| | | | | | 15.05 | 81.646 | | | |
| W–32 | S1 | 5.14 | | (485.06) | | | | | |
| | | | | | | | | 81.646 | 33.035 |
| W–32 | R1 | | 0.99 | (485.06) | | | | | |
| | | | | | 18.14 | | 13.514 | | |
| W–33 | R1 | | 0.50 | (503.20) | | | | | |
| W–32 | S1 | 5.14 | | (485.06) | | | | | |
| | | | | | 18.14 | 97.412 | | | |
| W–33 | S1 | 0.00 | | (503.20) | | | | | |
| | S2 | 5.60 | | | | | | | |
| | | | | | | | | 97.412 | 13.514 |
| W–33 | R1 | | 0.50 | (503.20) | | | | | |
| | | | | | 14.00 | | 5.530 | | |
| W–34 | R1 | | 0.18 | (517.20) | | | | | |
| | R2 | | 0.11 | | | | | | |
| | | | | A RIPORTARE : | | 5.530 | 2200.590 | | 11084.760 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                    Foglio n.  36

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | RIPORTO mc | VOLUMI TOTALI STERRO mc | RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | 0.000 | 5.530 | | 2200.590 | 11084.760 |
| W–33 | S2 | 5.60 | | (503.20) | | | | | |
| | | | | | 14.00 | 83.370 | | | |
| W–34 | S1 | 6.31 | | (517.20) | | | | | |
| | | | | | | | | 83.370 | 5.530 |
| W–34 | R1 | | 0.18 | (517.20) | | | | | |
| | | | | | 13.60 | | 1.564 | | |
| W–35 | R1 | | 0.05 | (530.80) | | | | | |
| W–34 | R2 | | 0.11 | (517.20) | | | | | |
| | R3 | | 0.00 | | 4.16 | | 0.229 | | |
| | | | | 0.11*13.60 | | | | | |
| | | | | | 4.16 | | | | |
| | | | | 0.11+0.25 | | | | | |
| W–35 | S1 | 0.25 | | (530.80) | 9.44 | 1.180 | | | |
| W–34 | S1 | 6.31 | | (517.20) | | | | | |
| | | | | | 13.60 | 89.148 | | | |
| W–35 | S2 | 6.80 | | (530.80) | | | | | |
| | | | | | | | | 90.328 | 1.793 |
| W–35 | R1 | | 0.05 | (530.80) | | | | | |
| | | | | | 15.00 | | 0.900 | | |
| W–36 | R1 | | 0.07 | (545.80) | | | | | |
| W–35 | S1 | 0.25 | | (530.80) | | | | | |
| | S2 | 6.80 | | | | | | | |
| | | | | | 15.00 | 102.900 | | | |
| W–36 | S1 | 0.00 | | (545.80) | | | | | |
| | S2 | 6.67 | | | | | | | |
| | | | | | | | | 102.900 | 0.900 |
| W–36 | R1 | | 0.07 | (545.80) | | | | | |
| | | | | | 15.00 | | 1.275 | | |
| W–37 | R1 | | 0.10 | (560.80) | | | | | |
| W–36 | S2 | 6.67 | | (545.80) | | | | | |
| | | | | | 15.00 | 95.700 | | | |
| W–37 | S1 | 0.11 | | (560.80) | | | | | |
| | S2 | 5.98 | | | | | | | |
| | | | | | | | | 95.700 | 1.275 |
| W–37 | R1 | | 0.10 | (560.80) | | | | | |
| | R2 | | 0.00 | | | | | | |
| | | | | | 18.07 | | 3.524 | | |
| W–38 | R1 | | 0.29 | (578.87) | | | | | |
| W–37 | S1 | 0.11 | | (560.80) | 6.21 | 0.342 | | | |
| | | | | A RIPORTARE : | | 0.342 | 3.524 | 2572.888 | 11094.258 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO STERRI E RIPORTI                          Foglio n.   37

| N. SEZ. | FIG. | SUPERFICIE STERRO mq | SUPERFICIE RIPORTO mq | PUNTI DI PASSAGGIO (PROGRESSIVA m) | DISTANZA m | VOLUMI PARZIALI STERRO mc | VOLUMI PARZIALI RIPORTO mc | VOLUMI TOTALI STERRO mc | VOLUMI TOTALI RIPORTO mc |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RIPORTO : | | 0.342 | 3.524 | 2572.888 | 11094.258 |
| | | | | 0.11*18.07 | | | | | |
| | | | | | 6.21 | | | | |
| | | | | 0.11+0.21 | | | | | |
| W–38 | R2 | | 0.12 | (578.87) | | | | | |
| | R3 | | 0.09 | | 11.86 | | 1.245 | | |
| W–37 | S2 | 5.98 | | (560.80) | | | | | |
| | | | | | 18.07 | 106.432 | | | |
| W–38 | S1 | 5.80 | | (578.87) | | | | | |
| | | | | | | | | 106.774 | 4.769 |
| W–38 | R1 | | 0.29 | (578.87) | | | | | |
| | R2 | | 0.12 | | | | | | |
| | | | | | 5.00 | | 1.225 | | |
| W–39 | R1 | | 0.08 | (583.87) | | | | | |
| W–38 | R3 | | 0.09 | (578.87) | 1.73 | | 0.078 | | |
| | | | | 0.09*5.00 | | | | | |
| | | | | | 1.73 | | | | |
| | | | | 0.09+0.17 | | | | | |
| W–39 | S1 | 0.17 | | (583.87) | 3.27 | 0.278 | | | |
| W–38 | S1 | 5.80 | | (578.87) | | | | | |
| | | | | | 5.00 | 28.350 | | | |
| W–39 | S2 | 5.54 | | (583.87) | | | | | |
| | | | | | | | | 28.628 | 1.303 |

| | | | |
|---|---|---|---|
| Il Direttore dei Lavori          L'Impresa | Totale Articoli ..............: | 2708.290 | 11100.330 |
| | A dedurre quantita' precedenti: | | |
| | Quantita' da contabilizzare ..: | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                          Foglio n.   38

USURA

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| W–1 | g1 | $^1((0.00-4.00)^2+(3.69-3.59)^2)$ | 4.00 | | |
| 0.00 | | $^1((4.00-0.00)^2+(3.59-3.69)^2)$ | 4.00 | | |
| | | | | 8.00 | |
| W–2 | g1 | $^1((0.00-4.02)^2+(3.74-3.64)^2)$ | 4.02 | | |
| 18.60 | | $^1((4.03-0.00)^2+(3.64-3.74)^2)$ | 4.03 | | |
| | | | | 8.05 | |
| W–3 | g1 | $^1((0.00-4.21)^2+(3.78-3.68)^2)$ | 4.21 | | |
| 35.60 | | $^1((4.29-0.00)^2+(3.67-3.78)^2)$ | 4.29 | | |
| | | | | 8.50 | |
| W–4 | g1 | $^1((0.00-4.46)^2+(3.82-3.94)^2)$ | 4.46 | | |
| 52.59 | | $^1((4.77-0.00)^2+(3.70-3.82)^2)$ | 4.77 | | |
| | | | | 9.23 | |
| W–5 | g1 | $^1((0.00-4.84)^2+(3.85-3.98)^2)$ | 4.84 | | |
| 65.02 | | $^1((5.07-0.00)^2+(3.73-3.85)^2)$ | 5.07 | | |
| | | | | 9.91 | |
| W–6 | g1 | $^1((0.00-5.29)^2+(3.89-4.02)^2)$ | 5.29 | | |
| 80.02 | | $^1((5.43-0.00)^2+(3.76-3.89)^2)$ | 5.43 | | |
| | | | | 10.72 | |
| W–7 | g1 | $^1((0.00-5.77)^2+(3.93-4.07)^2)$ | 5.77 | | |
| 96.84 | | $^1((5.86-0.00)^2+(3.78-3.93)^2)$ | 5.86 | | |
| | | | | 11.63 | |
| W–8 | g1 | $^1((0.00-6.17)^2+(3.96-3.80)^2)$ | 6.17 | | |
| 115.05 | | $^1((6.23-0.00)^2+(3.80-3.96)^2)$ | 6.23 | | |
| | | | | 12.40 | |
| W–9 | g1 | $^1((6.31-1.50)^2+(3.73-3.81)^2)$ | 4.81 | | |
| | | | | 4.81 | |
| W–9 | g2 | $^1((-1.50-6.25)^2+(3.81-3.70)^2)$ | 4.75 | | |
| | | | | 4.75 | |
| W–10 | g1 | $^1((6.46-1.50)^2+(3.84-3.83)^2)$ | 4.96 | | |
| | | | | 4.96 | |
| W–10 | g2 | $^1((-1.50-6.42)^2+(3.83-3.70)^2)$ | 4.92 | | |
| | | | | 4.92 | |
| W–11 | g1 | $^1((6.50-1.50)^2+(3.96-3.83)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–11 | g2 | $^1((-1.50-6.50)^2+(3.83-3.71)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | g1 | $^1((6.50-1.50)^2+(3.95-3.83)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | g2 | $^1((-1.50-6.50)^2+(3.83-3.70)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | g1 | $^1((6.50-1.50)^2+(3.94-3.82)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | g2 | $^1((-1.50-6.50)^2+(3.82-3.69)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | g1 | $^1((6.50-1.50)^2+(3.93-3.81)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | g2 | $^1((-1.50-6.50)^2+(3.81-3.68)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | g1 | $^1((6.50-1.50)^2+(3.91-3.78)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | g2 | $^1((-1.50-6.50)^2+(3.78-3.66)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–16 | g1 | $^1((6.50-1.50)^2+(3.88-3.75)^2)$ | 5.00 | | |

A RIPORTARE ml                5.00

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

| Stretto di Messina | EurolinK | TABULATI MOVIMENTI MATERIA | Codice documento CS0135_F0.doc | Rev F0 | Data 20/06/2011 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                        Foglio n.   39

USURA

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 5.00 | | |
| | | | | 5.00 | |
| W–16 | g2 | $^1((-1.50--6.50)^2+(3.75-3.63)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | g1 | $^1((6.50-1.50)^2+(3.84-3.71)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | g2 | $^1((-1.50--6.50)^2+(3.71-3.59)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | g1 | $^1((6.50-1.50)^2+(3.67-3.66)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | g2 | $^1((-1.50--6.50)^2+(3.66-3.53)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | g1 | $^1((6.50-1.50)^2+(3.48-3.60)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | g2 | $^1((-1.50--6.50)^2+(3.60-3.48)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–20 | g1 | $^1((6.47-1.50)^2+(3.43-3.56)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–20 | g2 | $^1((-1.50--6.47)^2+(3.56-3.43)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–21 | g1 | $^1((6.33-1.50)^2+(3.39-3.51)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–21 | g2 | $^1((-1.50--6.33)^2+(3.51-3.39)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–22 320.80 | g1 | $^1((0.00--6.09)^2+(3.62-3.46)^2)$ $^1((6.09-0.00)^2+(3.46-3.62)^2)$ | 6.09 6.09 | | |
| | | | | 12.18 | |
| W–23 335.80 | g1 | $^1((0.00--5.73)^2+(3.57-3.43)^2)$ $^1((5.77-0.00)^2+(3.43-3.57)^2)$ | 5.73 5.77 | | |
| | | | | 11.50 | |
| W–24 349.31 | g1 | $^1((0.00--5.37)^2+(3.53-3.40)^2)$ $^1((5.49-0.00)^2+(3.39-3.53)^2)$ | 5.37 5.49 | | |
| | | | | 10.86 | |
| W–25 364.31 | g1 | $^1((0.00--4.99)^2+(3.49-3.44)^2)$ $^1((5.17-0.00)^2+(3.36-3.49)^2)$ | 4.99 5.17 | | |
| | | | | 10.16 | |
| W–26 380.80 | g1 | $^1((0.00--4.65)^2+(3.44-3.47)^2)$ $^1((4.78-0.00)^2+(3.32-3.44)^2)$ | 4.65 4.78 | | |
| | | | | 9.43 | |
| W–27 405.80 | g1 | $^1((0.00--4.48)^2+(3.36-3.47)^2)$ $^1((4.52-0.00)^2+(3.25-3.36)^2)$ | 4.48 4.52 | | |
| | | | | 9.00 | |
| W–28 424.98 | g1 | $^1((0.00--4.50)^2+(3.30-3.42)^2)$ $^1((4.50-0.00)^2+(3.19-3.30)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–29 439.98 | g1 | $^1((0.00--4.50)^2+(3.26-3.37)^2)$ $^1((4.50-0.00)^2+(3.15-3.26)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–30 454.99 | g1 | $^1((0.00--4.50)^2+(3.21-3.33)^2)$ $^1((4.50-0.00)^2+(3.10-3.21)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–31 | g1 | $^1((0.00--4.50)^2+(3.17-3.28)^2)$ | 4.50 | | |
| | | A RIPORTARE ml | 4.50 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE     Foglio n. 40

USURA

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 4.50 | | |
| 470.01 | | $^1((4.50-0.00)^2+(3.06-3.17)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–32 | g1 | $^1((0.00--4.50)^2+(3.12-3.24)^2)$ | 4.50 | | |
| 485.06 | | $^1((4.50-0.00)^2+(3.01-3.12)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–33 | g1 | $^1((0.00--4.50)^2+(3.07-3.18)^2)$ | 4.50 | | |
| 503.20 | | $^1((4.50-0.00)^2+(2.96-3.07)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–34 | g1 | $^1((0.00--4.49)^2+(3.03-3.14)^2)$ | 4.49 | | |
| 517.20 | | $^1((4.49-0.00)^2+(2.91-3.03)^2)$ | 4.49 | | |
| | | | | 8.98 | |
| W–35 | g1 | $^1((0.00--4.43)^2+(2.99-3.09)^2)$ | 4.43 | | |
| 530.80 | | $^1((4.40-0.00)^2+(2.88-2.99)^2)$ | 4.40 | | |
| | | | | 8.83 | |
| W–36 | g1 | $^1((0.00--4.25)^2+(2.94-2.98)^2)$ | 4.25 | | |
| 545.80 | | $^1((4.24-0.00)^2+(2.83-2.94)^2)$ | 4.24 | | |
| | | | | 8.49 | |
| W–37 | g1 | $^1((0.00--4.06)^2+(2.90-2.87)^2)$ | 4.06 | | |
| 560.80 | | $^1((4.09-0.00)^2+(2.79-2.90)^2)$ | 4.09 | | |
| | | | | 8.15 | |
| W–38 | g1 | $^1((0.00--4.00)^2+(2.84-2.74)^2)$ | 4.00 | | |
| 578.87 | | $^1((4.00-0.00)^2+(2.74-2.84)^2)$ | 4.00 | | |
| | | | | 8.00 | |
| W–39 | g1 | $^1((0.00--4.00)^2+(2.83-2.73)^2)$ | 4.00 | | |
| 583.87 | | $^1((4.00-0.00)^2+(2.73-2.83)^2)$ | 4.00 | | |
| | | | | 8.00 | |

Il Direttore dei Lavori   L'Impresa

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                     Foglio n.  41

BINDER

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| W–1 0.00 | h1 | $^1((0.00-\!-4.00)^2+(3.64-3.54)^2)$ $^1((4.00-0.00)^2+(3.54-3.64)^2)$ | 4.00 4.00 | | |
| | | | | 8.00 | |
| W–2 18.60 | h1 | $^1((0.00-\!-4.02)^2+(3.69-3.59)^2)$ $^1((4.03-0.00)^2+(3.59-3.69)^2)$ | 4.02 4.03 | | |
| | | | | 8.05 | |
| W–3 35.60 | h1 | $^1((0.00-\!-4.21)^2+(3.73-3.63)^2)$ $^1((4.29-0.00)^2+(3.62-3.73)^2)$ | 4.21 4.29 | | |
| | | | | 8.50 | |
| W–4 52.59 | h1 | $^1((0.00-\!-4.46)^2+(3.77-3.89)^2)$ $^1((4.77-0.00)^2+(3.65-3.77)^2)$ | 4.46 4.77 | | |
| | | | | 9.23 | |
| W–5 65.02 | h1 | $^1((0.00-\!-4.84)^2+(3.80-3.93)^2)$ $^1((5.07-0.00)^2+(3.68-3.80)^2)$ | 4.84 5.07 | | |
| | | | | 9.91 | |
| W–6 80.02 | h1 | $^1((0.00-\!-5.29)^2+(3.84-3.97)^2)$ $^1((5.43-0.00)^2+(3.71-3.84)^2)$ | 5.29 5.43 | | |
| | | | | 10.72 | |
| W–7 96.84 | h1 | $^1((0.00-\!-5.77)^2+(3.88-4.02)^2)$ $^1((5.86-0.00)^2+(3.73-3.88)^2)$ | 5.77 5.86 | | |
| | | | | 11.63 | |
| W–8 115.05 | h1 | $^1((0.00-\!-6.17)^2+(3.91-3.75)^2)$ $^1((6.23-0.00)^2+(3.75-3.91)^2)$ | 6.17 6.23 | | |
| | | | | 12.40 | |
| W–9 | h1 | $^1((6.31-1.50)^2+(3.68-3.76)^2)$ | 4.81 | | |
| | | | | 4.81 | |
| W–9 | h2 | $^1((-1.50-\!-6.25)^2+(3.76-3.65)^2)$ | 4.75 | | |
| | | | | 4.75 | |
| W–10 | h1 | $^1((6.46-1.50)^2+(3.79-3.78)^2)$ | 4.96 | | |
| | | | | 4.96 | |
| W–10 | h2 | $^1((-1.50-\!-6.42)^2+(3.78-3.65)^2)$ | 4.92 | | |
| | | | | 4.92 | |
| W–11 | h1 | $^1((6.50-1.50)^2+(3.91-3.78)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–11 | h2 | $^1((-1.50-\!-6.50)^2+(3.78-3.66)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | h1 | $^1((6.50-1.50)^2+(3.90-3.78)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | h2 | $^1((-1.50-\!-6.50)^2+(3.78-3.65)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | h1 | $^1((6.50-1.50)^2+(3.89-3.77)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | h2 | $^1((-1.50-\!-6.50)^2+(3.77-3.64)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | h1 | $^1((6.50-1.50)^2+(3.88-3.76)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | h2 | $^1((-1.50-\!-6.50)^2+(3.76-3.63)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | h1 | $^1((6.50-1.50)^2+(3.86-3.73)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | h2 | $^1((-1.50-\!-6.50)^2+(3.73-3.61)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–16 | h1 | $^1((6.50-1.50)^2+(3.83-3.70)^2)$ | 5.00 | | |

A RIPORTARE ml          5.00

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   42

BINDER

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 5.00 | | |
| | | | | 5.00 | |
| W–16 | h2 | $^1((-1.50--6.50)^2+(3.70-3.58)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | h1 | $^1((6.50-1.50)^2+(3.79-3.66)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | h2 | $^1((-1.50--6.50)^2+(3.66-3.54)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | h1 | $^1((6.50-1.50)^2+(3.62-3.61)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | h2 | $^1((-1.50--6.50)^2+(3.61-3.48)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | h1 | $^1((6.50-1.50)^2+(3.43-3.55)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | h2 | $^1((-1.50--6.50)^2+(3.55-3.43)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–20 | h1 | $^1((6.47-1.50)^2+(3.38-3.51)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–20 | h2 | $^1((-1.50--6.47)^2+(3.51-3.38)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–21 | h1 | $^1((6.33-1.50)^2+(3.34-3.46)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–21 | h2 | $^1((-1.50--6.33)^2+(3.46-3.34)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–22 320.80 | h1 | $^1((0.00--6.09)^2+(3.57-3.41)^2)$ $^1((6.09-0.00)^2+(3.41-3.57)^2)$ | 6.09 6.09 | | |
| | | | | 12.18 | |
| W–23 335.80 | h1 | $^1((0.00--5.73)^2+(3.52-3.38)^2)$ $^1((5.77-0.00)^2+(3.38-3.52)^2)$ | 5.73 5.77 | | |
| | | | | 11.50 | |
| W–24 349.31 | h1 | $^1((0.00--5.37)^2+(3.48-3.35)^2)$ $^1((5.49-0.00)^2+(3.34-3.48)^2)$ | 5.37 5.49 | | |
| | | | | 10.86 | |
| W–25 364.31 | h1 | $^1((0.00--4.99)^2+(3.44-3.39)^2)$ $^1((5.17-0.00)^2+(3.31-3.44)^2)$ | 4.99 5.17 | | |
| | | | | 10.16 | |
| W–26 380.80 | h1 | $^1((0.00--4.65)^2+(3.39-3.42)^2)$ $^1((4.78-0.00)^2+(3.27-3.39)^2)$ | 4.65 4.78 | | |
| | | | | 9.43 | |
| W–27 405.80 | h1 | $^1((0.00--4.48)^2+(3.31-3.42)^2)$ $^1((4.52-0.00)^2+(3.20-3.31)^2)$ | 4.48 4.52 | | |
| | | | | 9.00 | |
| W–28 424.98 | h1 | $^1((0.00--4.50)^2+(3.25-3.37)^2)$ $^1((4.50-0.00)^2+(3.14-3.25)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–29 439.98 | h1 | $^1((0.00--4.50)^2+(3.21-3.32)^2)$ $^1((4.50-0.00)^2+(3.10-3.21)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–30 454.99 | h1 | $^1((0.00--4.50)^2+(3.16-3.28)^2)$ $^1((4.50-0.00)^2+(3.05-3.16)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–31 | h1 | $^1((0.00--4.50)^2+(3.12-3.23)^2)$ | 4.50 | | |
| | | A RIPORTARE ml | 4.50 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   43

BINDER

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 4.50 | | |
| 470.01 | | $1((4.50-0.00)^2+(3.01-3.12)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–32 | h1 | $1((0.00--4.50)^2+(3.07-3.19)^2)$ | 4.50 | | |
| 485.06 | | $1((4.50-0.00)^2+(2.96-3.07)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–33 | h1 | $1((0.00--4.50)^2+(3.02-3.13)^2)$ | 4.50 | | |
| 503.20 | | $1((4.50-0.00)^2+(2.91-3.02)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–34 | h1 | $1((0.00--4.49)^2+(2.98-3.09)^2)$ | 4.49 | | |
| 517.20 | | $1((4.49-0.00)^2+(2.86-2.98)^2)$ | 4.49 | | |
| | | | | 8.98 | |
| W–35 | h1 | $1((0.00--4.43)^2+(2.94-3.04)^2)$ | 4.43 | | |
| 530.80 | | $1((4.40-0.00)^2+(2.83-2.94)^2)$ | 4.40 | | |
| | | | | 8.83 | |
| W–36 | h1 | $1((0.00--4.25)^2+(2.89-2.93)^2)$ | 4.25 | | |
| 545.80 | | $1((4.24-0.00)^2+(2.78-2.89)^2)$ | 4.24 | | |
| | | | | 8.49 | |
| W–37 | h1 | $1((0.00--4.06)^2+(2.85-2.82)^2)$ | 4.06 | | |
| 560.80 | | $1((4.09-0.00)^2+(2.74-2.85)^2)$ | 4.09 | | |
| | | | | 8.15 | |
| W–38 | h1 | $1((0.00--4.00)^2+(2.79-2.69)^2)$ | 4.00 | | |
| 578.87 | | $1((4.00-0.00)^2+(2.69-2.79)^2)$ | 4.00 | | |
| | | | | 8.00 | |
| W–39 | h1 | $1((0.00--4.00)^2+(2.78-2.68)^2)$ | 4.00 | | |
| 583.87 | | $1((4.00-0.00)^2+(2.68-2.78)^2)$ | 4.00 | | |
| | | | | 8.00 | |

Il Direttore dei Lavori          L'Impresa

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.  44

BASE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| W–1 | i1 | $\sqrt{((0.00--4.00)^2+(3.49-3.39)^2)}$ | 4.00 | | |
| 0.00 | | $\sqrt{((4.00-0.00)^2+(3.39-3.49)^2)}$ | 4.00 | | |
| | | | | 8.00 | |
| W–2 | i1 | $\sqrt{((0.00--4.02)^2+(3.54-3.44)^2)}$ | 4.02 | | |
| 18.60 | | $\sqrt{((4.03-0.00)^2+(3.44-3.54)^2)}$ | 4.03 | | |
| | | | | 8.05 | |
| W–3 | i1 | $\sqrt{((0.00--4.21)^2+(3.58-3.48)^2)}$ | 4.21 | | |
| 35.60 | | $\sqrt{((4.29-0.00)^2+(3.47-3.58)^2)}$ | 4.29 | | |
| | | | | 8.50 | |
| W–4 | i1 | $\sqrt{((0.00--4.46)^2+(3.62-3.74)^2)}$ | 4.46 | | |
| 52.59 | | $\sqrt{((4.77-0.00)^2+(3.50-3.62)^2)}$ | 4.77 | | |
| | | | | 9.23 | |
| W–5 | i1 | $\sqrt{((0.00--4.84)^2+(3.65-3.78)^2)}$ | 4.84 | | |
| 65.02 | | $\sqrt{((5.07-0.00)^2+(3.53-3.65)^2)}$ | 5.07 | | |
| | | | | 9.91 | |
| W–6 | i1 | $\sqrt{((0.00--5.29)^2+(3.69-3.82)^2)}$ | 5.29 | | |
| 80.02 | | $\sqrt{((5.43-0.00)^2+(3.56-3.69)^2)}$ | 5.43 | | |
| | | | | 10.72 | |
| W–7 | i1 | $\sqrt{((0.00--5.77)^2+(3.73-3.87)^2)}$ | 5.77 | | |
| 96.84 | | $\sqrt{((5.86-0.00)^2+(3.58-3.73)^2)}$ | 5.86 | | |
| | | | | 11.63 | |
| W–8 | i1 | $\sqrt{((0.00--6.17)^2+(3.76-3.60)^2)}$ | 6.17 | | |
| 115.05 | | $\sqrt{((6.23-0.00)^2+(3.60-3.76)^2)}$ | 6.23 | | |
| | | | | 12.40 | |
| W–9 | i1 | $\sqrt{((6.31-1.50)^2+(3.53-3.61)^2)}$ | 4.81 | | |
| | | | | 4.81 | |
| W–9 | i2 | $\sqrt{((-1.50--6.25)^2+(3.61-3.50)^2)}$ | 4.75 | | |
| | | | | 4.75 | |
| W–10 | i1 | $\sqrt{((6.46-1.50)^2+(3.64-3.63)^2)}$ | 4.96 | | |
| | | | | 4.96 | |
| W–10 | i2 | $\sqrt{((-1.50--6.42)^2+(3.63-3.50)^2)}$ | 4.92 | | |
| | | | | 4.92 | |
| W–11 | i1 | $\sqrt{((6.50-1.50)^2+(3.76-3.63)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–11 | i2 | $\sqrt{((-1.50--6.50)^2+(3.63-3.51)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | i1 | $\sqrt{((6.50-1.50)^2+(3.75-3.63)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | i2 | $\sqrt{((-1.50--6.50)^2+(3.63-3.50)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | i1 | $\sqrt{((6.50-1.50)^2+(3.74-3.62)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | i2 | $\sqrt{((-1.50--6.50)^2+(3.62-3.49)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | i1 | $\sqrt{((6.50-1.50)^2+(3.73-3.61)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | i2 | $\sqrt{((-1.50--6.50)^2+(3.61-3.48)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | i1 | $\sqrt{((6.50-1.50)^2+(3.71-3.58)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | i2 | $\sqrt{((-1.50--6.50)^2+(3.58-3.46)^2)}$ | 5.00 | | |
| | | | | 5.00 | |
| W–16 | i1 | $\sqrt{((6.50-1.50)^2+(3.68-3.55)^2)}$ | 5.00 | | |

A RIPORTARE ml                    5.00

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.  45

BASE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 5.00 | | |
| | | | | 5.00 | |
| W–16 | i2 | $^1((-1.50--6.50)^2+(3.55-3.43)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | i1 | $^1((6.50-1.50)^2+(3.64-3.51)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | i2 | $^1((-1.50--6.50)^2+(3.51-3.39)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | i1 | $^1((6.50-1.50)^2+(3.47-3.46)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | i2 | $^1((-1.50--6.50)^2+(3.46-3.33)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | i1 | $^1((6.50-1.50)^2+(3.28-3.40)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | i2 | $^1((-1.50--6.50)^2+(3.40-3.28)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–20 | i1 | $^1((6.47-1.50)^2+(3.23-3.36)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–20 | i2 | $^1((-1.50--6.47)^2+(3.36-3.23)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–21 | i1 | $^1((6.33-1.50)^2+(3.19-3.31)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–21 | i2 | $^1((-1.50--6.33)^2+(3.31-3.19)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–22 320.80 | i1 | $^1((0.00--6.09)^2+(3.42-3.26)^2)$ $^1((6.09-0.00)^2+(3.26-3.42)^2)$ | 6.09 6.09 | | |
| | | | | 12.18 | |
| W–23 335.80 | i1 | $^1((0.00--5.73)^2+(3.37-3.23)^2)$ $^1((5.77-0.00)^2+(3.23-3.37)^2)$ | 5.73 5.77 | | |
| | | | | 11.50 | |
| W–24 349.31 | i1 | $^1((0.00--5.37)^2+(3.33-3.20)^2)$ $^1((5.49-0.00)^2+(3.19-3.33)^2)$ | 5.37 5.49 | | |
| | | | | 10.86 | |
| W–25 364.31 | i1 | $^1((0.00--4.99)^2+(3.29-3.24)^2)$ $^1((5.17-0.00)^2+(3.16-3.29)^2)$ | 4.99 5.17 | | |
| | | | | 10.16 | |
| W–26 380.80 | i1 | $^1((0.00--4.65)^2+(3.24-3.27)^2)$ $^1((4.78-0.00)^2+(3.12-3.24)^2)$ | 4.65 4.78 | | |
| | | | | 9.43 | |
| W–27 405.80 | i1 | $^1((0.00--4.48)^2+(3.16-3.27)^2)$ $^1((4.52-0.00)^2+(3.05-3.16)^2)$ | 4.48 4.52 | | |
| | | | | 9.00 | |
| W–28 424.98 | i1 | $^1((0.00--4.50)^2+(3.10-3.22)^2)$ $^1((4.50-0.00)^2+(2.99-3.10)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–29 439.98 | i1 | $^1((0.00--4.50)^2+(3.06-3.17)^2)$ $^1((4.50-0.00)^2+(2.95-3.06)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–30 454.99 | i1 | $^1((0.00--4.50)^2+(3.01-3.13)^2)$ $^1((4.50-0.00)^2+(2.90-3.01)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–31 | i1 | $^1((0.00--4.50)^2+(2.97-3.08)^2)$ | 4.50 | | |
| | | A RIPORTARE ml | 4.50 | | |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                          Foglio n.   46

BASE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 4.50 | | |
| 470.01 | | $^1((4.50-0.00)^2+(2.86-2.97)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–32 | i1 | $^1((0.00--4.50)^2+(2.92-3.04)^2)$ | 4.50 | | |
| 485.06 | | $^1((4.50-0.00)^2+(2.81-2.92)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–33 | i1 | $^1((0.00--4.50)^2+(2.87-2.98)^2)$ | 4.50 | | |
| 503.20 | | $^1((4.50-0.00)^2+(2.76-2.87)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–34 | i1 | $^1((0.00--4.49)^2+(2.83-2.94)^2)$ | 4.49 | | |
| 517.20 | | $^1((4.49-0.00)^2+(2.71-2.83)^2)$ | 4.49 | | |
| | | | | 8.98 | |
| W–35 | i1 | $^1((0.00--4.43)^2+(2.79-2.89)^2)$ | 4.43 | | |
| 530.80 | | $^1((4.40-0.00)^2+(2.68-2.79)^2)$ | 4.40 | | |
| | | | | 8.83 | |
| W–36 | i1 | $^1((0.00--4.25)^2+(2.74-2.78)^2)$ | 4.25 | | |
| 545.80 | | $^1((4.24-0.00)^2+(2.63-2.74)^2)$ | 4.24 | | |
| | | | | 8.49 | |
| W–37 | i1 | $^1((0.00--4.06)^2+(2.70-2.67)^2)$ | 4.06 | | |
| 560.80 | | $^1((4.09-0.00)^2+(2.59-2.70)^2)$ | 4.09 | | |
| | | | | 8.15 | |
| W–38 | i1 | $^1((0.00--4.00)^2+(2.64-2.54)^2)$ | 4.00 | | |
| 578.87 | | $^1((4.00-0.00)^2+(2.54-2.64)^2)$ | 4.00 | | |
| | | | | 8.00 | |
| W–39 | i1 | $^1((0.00--4.00)^2+(2.63-2.53)^2)$ | 4.00 | | |
| 583.87 | | $^1((4.00-0.00)^2+(2.53-2.63)^2)$ | 4.00 | | |
| | | | | 8.00 | |

Il Direttore dei Lavori        L'Impresa

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

| | | |
|---|---|---|
| Stretto di Messina | EurolinK | |

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Data
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   47

MISTO CEMENTATO

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| W–1 | l1 | $((0.00--4.00)^2+(3.24-3.14)^2)$ | 4.00 | | |
| 0.00 | | $((4.00-0.00)^2+(3.14-3.24)^2)$ | 4.00 | | |
| | | | | 8.00 | |
| W–2 | l1 | $((0.00--4.02)^2+(3.29-3.19)^2)$ | 4.02 | | |
| 18.60 | | $((4.03-0.00)^2+(3.19-3.29)^2)$ | 4.03 | | |
| | | | | 8.05 | |
| W–3 | l1 | $((0.00--4.21)^2+(3.33-3.23)^2)$ | 4.21 | | |
| 35.60 | | $((4.29-0.00)^2+(3.22-3.33)^2)$ | 4.29 | | |
| | | | | 8.50 | |
| W–4 | l1 | $((0.00--4.46)^2+(3.37-3.49)^2)$ | 4.46 | | |
| 52.59 | | $((4.77-0.00)^2+(3.25-3.37)^2)$ | 4.77 | | |
| | | | | 9.23 | |
| W–5 | l1 | $((0.00--4.84)^2+(3.40-3.53)^2)$ | 4.84 | | |
| 65.02 | | $((5.07-0.00)^2+(3.28-3.40)^2)$ | 5.07 | | |
| | | | | 9.91 | |
| W–6 | l1 | $((0.00--5.29)^2+(3.44-3.57)^2)$ | 5.29 | | |
| 80.02 | | $((5.43-0.00)^2+(3.31-3.44)^2)$ | 5.43 | | |
| | | | | 10.72 | |
| W–7 | l1 | $((0.00--5.77)^2+(3.48-3.62)^2)$ | 5.77 | | |
| 96.84 | | $((5.86-0.00)^2+(3.33-3.48)^2)$ | 5.86 | | |
| | | | | 11.63 | |
| W–8 | l1 | $((0.00--6.17)^2+(3.51-3.35)^2)$ | 6.17 | | |
| 115.05 | | $((6.23-0.00)^2+(3.35-3.51)^2)$ | 6.23 | | |
| | | | | 12.40 | |
| W–9 | l1 | $((6.31-1.50)^2+(3.28-3.36)^2)$ | 4.81 | | |
| | | | | 4.81 | |
| W–9 | l2 | $((-1.50--6.25)^2+(3.36-3.25)^2)$ | 4.75 | | |
| | | | | 4.75 | |
| W–10 | l1 | $((6.46-1.50)^2+(3.39-3.38)^2)$ | 4.96 | | |
| | | | | 4.96 | |
| W–10 | l2 | $((-1.50--6.42)^2+(3.38-3.25)^2)$ | 4.92 | | |
| | | | | 4.92 | |
| W–11 | l1 | $((6.50-1.50)^2+(3.51-3.38)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–11 | l2 | $((-1.50--6.50)^2+(3.38-3.26)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | l1 | $((6.50-1.50)^2+(3.50-3.38)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | l2 | $((-1.50--6.50)^2+(3.38-3.25)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | l1 | $((6.50-1.50)^2+(3.49-3.37)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | l2 | $((-1.50--6.50)^2+(3.37-3.24)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | l1 | $((6.50-1.50)^2+(3.48-3.36)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | l2 | $((-1.50--6.50)^2+(3.36-3.23)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | l1 | $((6.50-1.50)^2+(3.46-3.33)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | l2 | $((-1.50--6.50)^2+(3.33-3.21)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–16 | l1 | $((6.50-1.50)^2+(3.43-3.30)^2)$ | 5.00 | | |

A RIPORTARE ml          5.00

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE          Foglio n.  48

MISTO CEMENTATO

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 5.00 | | |
| | | | | 5.00 | |
| W–16 | l2 | $^1((-1.50--6.50)^2+(3.30-3.18)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | l1 | $^1((6.50-1.50)^2+(3.39-3.26)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | l2 | $^1((-1.50--6.50)^2+(3.26-3.14)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | l1 | $^1((6.50-1.50)^2+(3.22-3.21)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | l2 | $^1((-1.50--6.50)^2+(3.21-3.08)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | l1 | $^1((6.50-1.50)^2+(3.03-3.15)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | l2 | $^1((-1.50--6.50)^2+(3.15-3.03)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–20 | l1 | $^1((6.47-1.50)^2+(2.98-3.11)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–20 | l2 | $^1((-1.50--6.47)^2+(3.11-2.98)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–21 | l1 | $^1((6.33-1.50)^2+(2.94-3.06)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–21 | l2 | $^1((-1.50--6.33)^2+(3.06-2.94)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–22 320.80 | l1 | $^1((0.00--6.09)^2+(3.17-3.01)^2)$ $^1((6.09-0.00)^2+(3.01-3.17)^2)$ | 6.09 6.09 | | |
| | | | | 12.18 | |
| W–23 335.80 | l1 | $^1((0.00--5.73)^2+(3.12-2.98)^2)$ $^1((5.77-0.00)^2+(2.98-3.12)^2)$ | 5.73 5.77 | | |
| | | | | 11.50 | |
| W–24 349.31 | l1 | $^1((0.00--5.37)^2+(3.08-2.95)^2)$ $^1((5.49-0.00)^2+(2.94-3.08)^2)$ | 5.37 5.49 | | |
| | | | | 10.86 | |
| W–25 364.31 | l1 | $^1((0.00--4.99)^2+(3.04-2.99)^2)$ $^1((5.17-0.00)^2+(2.91-3.04)^2)$ | 4.99 5.17 | | |
| | | | | 10.16 | |
| W–26 380.80 | l1 | $^1((0.00--4.65)^2+(2.99-3.02)^2)$ $^1((4.78-0.00)^2+(2.87-2.99)^2)$ | 4.65 4.78 | | |
| | | | | 9.43 | |
| W–27 405.80 | l1 | $^1((0.00--4.48)^2+(2.91-3.02)^2)$ $^1((4.52-0.00)^2+(2.80-2.91)^2)$ | 4.48 4.52 | | |
| | | | | 9.00 | |
| W–28 424.98 | l1 | $^1((0.00--4.50)^2+(2.85-2.97)^2)$ $^1((4.50-0.00)^2+(2.74-2.85)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–29 439.98 | l1 | $^1((0.00--4.50)^2+(2.81-2.92)^2)$ $^1((4.50-0.00)^2+(2.70-2.81)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–30 454.99 | l1 | $^1((0.00--4.50)^2+(2.76-2.88)^2)$ $^1((4.50-0.00)^2+(2.65-2.76)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–31 | l1 | $^1((0.00--4.50)^2+(2.72-2.83)^2)$ | 4.50 | | |

A RIPORTARE ml          4.50

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   49

MISTO CEMENTATO

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 4.50 | | |
| 470.01 | | $^1((4.50-0.00)^2+(2.61-2.72)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–32 | l1 | $^1((0.00--4.50)^2+(2.67-2.79)^2)$ | 4.50 | | |
| 485.06 | | $^1((4.50-0.00)^2+(2.56-2.67)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–33 | l1 | $^1((0.00--4.50)^2+(2.62-2.73)^2)$ | 4.50 | | |
| 503.20 | | $^1((4.50-0.00)^2+(2.51-2.62)^2)$ | 4.50 | | |
| | | | | 9.00 | |
| W–34 | l1 | $^1((0.00--4.49)^2+(2.58-2.69)^2)$ | 4.49 | | |
| 517.20 | | $^1((4.49-0.00)^2+(2.46-2.58)^2)$ | 4.49 | | |
| | | | | 8.98 | |
| W–35 | l1 | $^1((0.00--4.43)^2+(2.54-2.64)^2)$ | 4.43 | | |
| 530.80 | | $^1((4.40-0.00)^2+(2.43-2.54)^2)$ | 4.40 | | |
| | | | | 8.83 | |
| W–36 | l1 | $^1((0.00--4.25)^2+(2.49-2.53)^2)$ | 4.25 | | |
| 545.80 | | $^1((4.24-0.00)^2+(2.38-2.49)^2)$ | 4.24 | | |
| | | | | 8.49 | |
| W–37 | l1 | $^1((0.00--4.06)^2+(2.45-2.42)^2)$ | 4.06 | | |
| 560.80 | | $^1((4.09-0.00)^2+(2.34-2.45)^2)$ | 4.09 | | |
| | | | | 8.15 | |
| W–38 | l1 | $^1((0.00--4.00)^2+(2.39-2.29)^2)$ | 4.00 | | |
| 578.87 | | $^1((4.00-0.00)^2+(2.29-2.39)^2)$ | 4.00 | | |
| | | | | 8.00 | |
| W–39 | l1 | $^1((0.00--4.00)^2+(2.38-2.28)^2)$ | 4.00 | | |
| 583.87 | | $^1((4.00-0.00)^2+(2.28-2.38)^2)$ | 4.00 | | |
| | | | | 8.00 | |

Il Direttore dei Lavori          L'Impresa

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   50

FONDAZIONE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| W–1 | m1 | $^1((0.00--4.00)^2+(3.04-2.94)^2)$ | 4.00 | | |
| 0.00 | | $^1((4.00-0.00)^2+(2.94-3.04)^2)$ | 4.00 | | |
| | | | | 8.00 | |
| W–2 | m1 | $^1((0.00--4.02)^2+(3.09-2.99)^2)$ | 4.02 | | |
| 18.60 | | $^1((4.03-0.00)^2+(2.99-3.09)^2)$ | 4.03 | | |
| | | | | 8.05 | |
| W–3 | m1 | $^1((0.00--4.21)^2+(3.13-3.03)^2)$ | 4.21 | | |
| 35.60 | | $^1((4.29-0.00)^2+(3.02-3.13)^2)$ | 4.29 | | |
| | | | | 8.50 | |
| W–4 | m1 | $^1((0.00--4.46)^2+(3.17-3.29)^2)$ | 4.46 | | |
| 52.59 | | $^1((4.77-0.00)^2+(3.05-3.17)^2)$ | 4.77 | | |
| | | | | 9.23 | |
| W–5 | m1 | $^1((0.00--4.84)^2+(3.20-3.33)^2)$ | 4.84 | | |
| 65.02 | | $^1((5.07-0.00)^2+(3.08-3.20)^2)$ | 5.07 | | |
| | | | | 9.91 | |
| W–6 | m1 | $^1((0.00--5.29)^2+(3.24-3.37)^2)$ | 5.29 | | |
| 80.02 | | $^1((5.43-0.00)^2+(3.11-3.24)^2)$ | 5.43 | | |
| | | | | 10.72 | |
| W–7 | m1 | $^1((0.00--5.77)^2+(3.28-3.42)^2)$ | 5.77 | | |
| 96.84 | | $^1((5.86-0.00)^2+(3.13-3.28)^2)$ | 5.86 | | |
| | | | | 11.63 | |
| W–8 | m1 | $^1((0.00--6.17)^2+(3.31-3.15)^2)$ | 6.17 | | |
| 115.05 | | $^1((6.23-0.00)^2+(3.15-3.31)^2)$ | 6.23 | | |
| | | | | 12.40 | |
| W–9 | m1 | $^1((6.31-1.50)^2+(3.08-3.16)^2)$ | 4.81 | | |
| | | | | 4.81 | |
| W–9 | m2 | $^1((-1.50--6.25)^2+(3.16-3.05)^2)$ | 4.75 | | |
| | | | | 4.75 | |
| W–10 | m1 | $^1((6.46-1.50)^2+(3.19-3.18)^2)$ | 4.96 | | |
| | | | | 4.96 | |
| W–10 | m2 | $^1((-1.50--6.42)^2+(3.18-3.05)^2)$ | 4.92 | | |
| | | | | 4.92 | |
| W–11 | m1 | $^1((6.50-1.50)^2+(3.31-3.18)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–11 | m2 | $^1((-1.50--6.50)^2+(3.18-3.06)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | m1 | $^1((6.50-1.50)^2+(3.30-3.18)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | m2 | $^1((-1.50--6.50)^2+(3.18-3.05)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | m1 | $^1((6.50-1.50)^2+(3.29-3.17)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | m2 | $^1((-1.50--6.50)^2+(3.17-3.04)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | m1 | $^1((6.50-1.50)^2+(3.28-3.16)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | m2 | $^1((-1.50--6.50)^2+(3.16-3.03)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | m1 | $^1((6.50-1.50)^2+(3.26-3.13)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–15 | m2 | $^1((-1.50--6.50)^2+(3.13-3.01)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–16 | m1 | $^1((6.50-1.50)^2+(3.23-3.10)^2)$ | 5.00 | | |

A RIPORTARE ml          5.00

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   51

FONDAZIONE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 5.00 | | |
| | | | | 5.00 | |
| W–16 | m2 | $^1((-1.50--6.50)^2+(3.10-2.98)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | m1 | $^1((6.50-1.50)^2+(3.19-3.06)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–17 | m2 | $^1((-1.50--6.50)^2+(3.06-2.94)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | m1 | $^1((6.50-1.50)^2+(3.02-3.01)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | m2 | $^1((-1.50--6.50)^2+(3.01-2.88)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | m1 | $^1((6.50-1.50)^2+(2.83-2.95)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | m2 | $^1((-1.50--6.50)^2+(2.95-2.83)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–20 | m1 | $^1((6.47-1.50)^2+(2.78-2.91)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–20 | m2 | $^1((-1.50--6.47)^2+(2.91-2.78)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–21 | m1 | $^1((6.33-1.50)^2+(2.74-2.86)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–21 | m2 | $^1((-1.50--6.33)^2+(2.86-2.74)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–22 320.80 | m1 | $^1((0.00--6.09)^2+(2.97-2.81)^2)$ $^1((6.09-0.00)^2+(2.81-2.97)^2)$ | 6.09 6.09 | | |
| | | | | 12.18 | |
| W–23 335.80 | m1 | $^1((0.00--5.73)^2+(2.92-2.78)^2)$ $^1((5.77-0.00)^2+(2.78-2.92)^2)$ | 5.73 5.77 | | |
| | | | | 11.50 | |
| W–24 349.31 | m1 | $^1((0.00--5.37)^2+(2.88-2.75)^2)$ $^1((5.49-0.00)^2+(2.74-2.88)^2)$ | 5.37 5.49 | | |
| | | | | 10.86 | |
| W–25 364.31 | m1 | $^1((0.00--4.99)^2+(2.84-2.79)^2)$ $^1((5.17-0.00)^2+(2.71-2.84)^2)$ | 4.99 5.17 | | |
| | | | | 10.16 | |
| W–26 380.80 | m1 | $^1((0.00--4.65)^2+(2.79-2.82)^2)$ $^1((4.78-0.00)^2+(2.67-2.79)^2)$ | 4.65 4.78 | | |
| | | | | 9.43 | |
| W–27 405.80 | m1 | $^1((0.00--4.48)^2+(2.71-2.82)^2)$ $^1((4.52-0.00)^2+(2.60-2.71)^2)$ | 4.48 4.52 | | |
| | | | | 9.00 | |
| W–28 424.98 | m1 | $^1((0.00--4.50)^2+(2.65-2.77)^2)$ $^1((4.50-0.00)^2+(2.54-2.65)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–29 439.98 | m1 | $^1((0.00--4.50)^2+(2.61-2.72)^2)$ $^1((4.50-0.00)^2+(2.50-2.61)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–30 454.99 | m1 | $^1((0.00--4.50)^2+(2.56-2.68)^2)$ $^1((4.50-0.00)^2+(2.45-2.56)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–31 | m1 | $^1((0.00--4.50)^2+(2.52-2.63)^2)$ | 4.50 | | |
| | | A RIPORTARE ml | 4.50 | | |

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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

            CALCOLO DELLE LUNGHEZZE                         Foglio n.   52

   FONDAZIONE


                                                   LUNGHEZZA    LUNGHEZZA
   N. SEZIONE  FIG.        ELEMENTI DI CALCOLO     ELEMENTARE    FIGURA           NOTE
      PROG.                                            ml          ml

                                         RIPORTO ml    4.50

   470.01           ¹((4.50-0.00)²+(2.41-2.52)²)       4.50
                                                                   9.00
   W-32      ml    ¹((0.00--4.50)²+(2.47-2.59)²)       4.50
   485.06          ¹((4.50-0.00)²+(2.36-2.47)²)        4.50
                                                                   9.00
   W-33      ml    ¹((0.00--4.50)²+(2.42-2.53)²)       4.50
   503.20          ¹((4.50-0.00)²+(2.31-2.42)²)        4.50
                                                                   9.00
   W-34      ml    ¹((0.00--4.49)²+(2.38-2.49)²)       4.49
   517.20          ¹((4.49-0.00)²+(2.26-2.38)²)        4.49
                                                                   8.98
   W-35      ml    ¹((0.00--4.43)²+(2.34-2.44)²)       4.43
   530.80          ¹((4.40-0.00)²+(2.23-2.34)²)        4.40
                                                                   8.83
   W-36      ml    ¹((0.00--4.25)²+(2.29-2.33)²)       4.25
   545.80          ¹((4.24-0.00)²+(2.18-2.29)²)        4.24
                                                                   8.49
   W-37      ml    ¹((0.00--4.06)²+(2.25-2.22)²)       4.06
   560.80          ¹((4.09-0.00)²+(2.14-2.25)²)        4.09
                                                                   8.15
   W-38      ml    ¹((0.00--4.00)²+(2.19-2.09)²)       4.00
   578.87          ¹((4.00-0.00)²+(2.09-2.19)²)        4.00
                                                                   8.00
   W-39      ml    ¹((0.00--4.00)²+(2.18-2.08)²)       4.00
   583.87          ¹((4.00-0.00)²+(2.08-2.18)²)        4.00
                                                                   8.00




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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   53

COMPATTAMENTO

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| W–1 0.00 | q1 | $^1((0.00--4.00)^2+(3.04-2.94)^2)$ $^1((4.00-0.00)^2+(2.94-3.04)^2)$ | 4.00 4.00 | | |
| | | | | 8.00 | |
| W–2 18.60 | q1 | $^1((0.00--4.02)^2+(3.09-2.99)^2)$ $^1((4.03-0.00)^2+(2.99-3.09)^2)$ | 4.02 4.03 | | |
| | | | | 8.05 | |
| W–3 35.60 | q1 | $^1((0.00--4.21)^2+(3.13-3.03)^2)$ $^1((4.29-0.00)^2+(3.02-3.13)^2)$ | 4.21 4.29 | | |
| | | | | 8.50 | |
| W–4 52.59 | q1 | $^1((0.00--4.46)^2+(3.17-3.29)^2)$ $^1((4.77-0.00)^2+(3.05-3.17)^2)$ | 4.46 4.77 | | |
| | | | | 9.23 | |
| W–5 65.02 | q1 | $^1((0.00--4.84)^2+(3.20-3.33)^2)$ $^1((5.07-0.00)^2+(3.08-3.20)^2)$ | 4.84 5.07 | | |
| | | | | 9.91 | |
| W–6 80.02 | q1 | $^1((0.00--5.29)^2+(3.24-3.37)^2)$ $^1((4.93-0.00)^2+(3.12-3.24)^2)$ | 5.29 4.93 | | |
| | | | | 10.22 | |
| W–7 96.84 | q1 | $^1((0.00--5.77)^2+(3.28-3.42)^2)$ $^1((3.38-0.00)^2+(3.19-3.28)^2)$ | 5.77 3.38 | | |
| | | | | 9.15 | |
| W–8 115.05 | q1 | $^1((0.00--6.17)^2+(3.31-3.15)^2)$ $^1((1.21-0.00)^2+(3.28-3.31)^2)$ | 6.17 1.21 | | |
| | | | | 7.38 | |
| W–9 | q1 | $^1((-1.50--6.25)^2+(3.16-3.05)^2)$ | 4.75 | | |
| | | | | 4.75 | |
| W–10 | q1 | $^1((-1.50--6.42)^2+(3.18-3.05)^2)$ | 4.92 | | |
| | | | | 4.92 | |
| W–11 | q1 | $^1((-1.50--6.50)^2+(3.18-3.06)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–12 | q1 | $^1((-1.50--6.50)^2+(3.18-3.05)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–13 | q1 | $^1((-1.50--6.50)^2+(3.17-3.04)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–14 | q1 | $^1((-3.42--6.50)^2+(3.11-3.03)^2)$ | 3.08 | | |
| | | | | 3.08 | |
| W–15 | q1 | $^1((-3.19--6.50)^2+(3.09-3.01)^2)$ | 3.31 | | |
| | | | | 3.31 | |
| W–16 | q1 | $^1((-2.47--6.50)^2+(3.08-2.98)^2)$ | 4.03 | | |
| | | | | 4.03 | |
| W–17 | q1 | $^1((-1.50--6.50)^2+(3.06-2.94)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–18 | q1 | $^1((-1.50--6.50)^2+(3.01-2.88)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–19 | q1 | $^1((2.05-1.50)^2+(2.94-2.95)^2)$ | 0.55 | | |
| | | | | 0.55 | |
| W–19 | q2 | $^1((-1.50--6.50)^2+(2.95-2.83)^2)$ | 5.00 | | |
| | | | | 5.00 | |
| W–20 | q1 | $^1((3.08-1.50)^2+(2.87-2.91)^2)$ | 1.58 | | |
| | | | | 1.58 | |
| W–20 | q2 | $^1((-1.50--6.47)^2+(2.91-2.78)^2)$ | 4.97 | | |
| | | | | 4.97 | |
| W–21 | q1 | $^1((3.95-1.50)^2+(2.80-2.86)^2)$ | 2.45 | | |

A RIPORTARE ml          2.45

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                          Foglio n.  54

COMPATTAMENTO

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 2.45 | | |
| | | | | 2.45 | |
| W–21 | q2 | $1((-1.50--6.33)^2+(2.86-2.74)^2)$ | 4.83 | | |
| | | | | 4.83 | |
| W–22 320.80 | q1 | $1((0.00--6.09)^2+(2.97-2.81)^2)$ $1((6.09-0.00)^2+(2.81-2.97)^2)$ | 6.09 6.09 | | |
| | | | | 12.18 | |
| W–23 335.80 | q1 | $1((0.00--5.73)^2+(2.92-2.78)^2)$ $1((5.77-0.00)^2+(2.78-2.92)^2)$ | 5.73 5.77 | | |
| | | | | 11.50 | |
| W–24 349.31 | q1 | $1((0.00--5.37)^2+(2.88-2.75)^2)$ $1((5.49-0.00)^2+(2.74-2.88)^2)$ | 5.37 5.49 | | |
| | | | | 10.86 | |
| W–25 364.31 | q1 | $1((0.00--4.99)^2+(2.84-2.79)^2)$ $1((5.17-0.00)^2+(2.71-2.84)^2)$ | 4.99 5.17 | | |
| | | | | 10.16 | |
| W–26 380.80 | q1 | $1((0.00--4.65)^2+(2.79-2.82)^2)$ $1((4.78-0.00)^2+(2.67-2.79)^2)$ | 4.65 4.78 | | |
| | | | | 9.43 | |
| W–27 405.80 | q1 | $1((0.00--4.48)^2+(2.71-2.82)^2)$ $1((4.52-0.00)^2+(2.60-2.71)^2)$ | 4.48 4.52 | | |
| | | | | 9.00 | |
| W–28 424.98 | q1 | $1((0.00--4.50)^2+(2.65-2.77)^2)$ $1((4.50-0.00)^2+(2.54-2.65)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–29 439.98 | q1 | $1((0.00--4.50)^2+(2.61-2.72)^2)$ $1((4.50-0.00)^2+(2.50-2.61)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–30 454.99 | q1 | $1((0.00--4.50)^2+(2.56-2.68)^2)$ $1((4.50-0.00)^2+(2.45-2.56)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–31 470.01 | q1 | $1((0.00--4.50)^2+(2.52-2.63)^2)$ $1((4.50-0.00)^2+(2.41-2.52)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–32 485.06 | q1 | $1((0.00--4.50)^2+(2.47-2.59)^2)$ $1((4.50-0.00)^2+(2.36-2.47)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–33 503.20 | q1 | $1((0.00--4.50)^2+(2.42-2.53)^2)$ $1((4.50-0.00)^2+(2.31-2.42)^2)$ | 4.50 4.50 | | |
| | | | | 9.00 | |
| W–34 517.20 | q1 | $1((0.00--4.49)^2+(2.38-2.49)^2)$ $1((4.49-0.00)^2+(2.26-2.38)^2)$ | 4.49 4.49 | | |
| | | | | 8.98 | |
| W–35 530.80 | q1 | $1((0.00--4.43)^2+(2.34-2.44)^2)$ $1((4.40-0.00)^2+(2.23-2.34)^2)$ | 4.43 4.40 | | |
| | | | | 8.83 | |
| W–36 545.80 | q1 | $1((0.00--4.25)^2+(2.29-2.33)^2)$ $1((4.24-0.00)^2+(2.18-2.29)^2)$ | 4.25 4.24 | | |
| | | | | 8.49 | |
| W–37 560.80 | q1 | $1((0.00--4.06)^2+(2.25-2.22)^2)$ $1((4.09-0.00)^2+(2.14-2.25)^2)$ | 4.06 4.09 | | |
| | | | | 8.15 | |

A RIPORTARE ml

| | | **Ponte sullo Stretto di Messina** |
|---|---|---|
| **Stretto di Messina** | **EurolinK** | PROGETTO DEFINITIVO |

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|---|---|---|---|

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                              Foglio n.   55

COMPATTAMENTO

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | | | |
| W–38 | q1 | $^1((0.00-\!-4.00)^2+(2.19-2.09)^2)$ | 4.00 | | |
| 578.87 | | $^1((4.00-0.00)^2+(2.09-2.19)^2)$ | 4.00 | | |
| | | | | 8.00 | |
| W–39 | q1 | $^1((0.00-\!-4.00)^2+(2.18-2.08)^2)$ | 4.00 | | |
| 583.87 | | $^1((4.00-0.00)^2+(2.08-2.18)^2)$ | 4.00 | | |
| | | | | 8.00 | |

Il Direttore dei Lavori          L'Impresa

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                          Foglio n.   56

MARCIAPIEDE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| W–1 | t2 | $^1((-4.00--7.00)^2+(3.79-3.79)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–1 | t1 | $^1((13.87-4.00)^2+(3.79-3.79)^2)$ | 9.87 | | |
| | | | | 9.87 | |
| W–2 | t2 | $^1((-4.02--7.00)^2+(3.84-3.84)^2)$ | 2.98 | | |
| | | | | 2.98 | |
| W–2 | t1 | $^1((18.00-4.03)^2+(3.84-3.84)^2)$ | 13.97 | | |
| | | | | 13.97 | |
| W–3 | t2 | $^1((-4.21--7.00)^2+(3.88-3.88)^2)$ | 2.79 | | |
| | | | | 2.79 | |
| W–3 | t1 | $^1((12.25-4.29)^2+(3.87-3.87)^2)$ | 7.96 | | |
| | | | | 7.96 | |
| W–4 | t2 | $^1((-4.46--7.28)^2+(4.14-4.14)^2)$ | 2.82 | | |
| | | | | 2.82 | |
| W–4 | t1 | $^1((12.86-4.77)^2+(3.90-3.90)^2)$ | 8.09 | | |
| | | | | 8.09 | |
| W–5 | t2 | $^1((-4.84--8.00)^2+(4.18-4.18)^2)$ | 3.16 | | |
| | | | | 3.16 | |
| W–5 | t1 | $^1((13.08-5.07)^2+(3.93-3.93)^2)$ | 8.01 | | |
| | | | | 8.01 | |
| W–6 | t2 | $^1((-5.29--8.72)^2+(4.22-4.22)^2)$ | 3.43 | | |
| | | | | 3.43 | |
| W–6 | t1 | $^1((13.03-5.43)^2+(3.96-3.96)^2)$ | 7.60 | | |
| | | | | 7.60 | |
| W–7 | t2 | $^1((-5.77--9.26)^2+(4.27-4.27)^2)$ | 3.49 | | |
| | | | | 3.49 | |
| W–7 | t1 | $^1((12.58-5.86)^2+(3.98-3.98)^2)$ | 6.72 | | |
| | | | | 6.72 | |
| W–8 | t3 | $^1((-6.17--9.67)^2+(4.00-4.00)^2)$ | 3.50 | | |
| | | | | 3.50 | |
| W–8 | t1 | $^1((11.68-6.23)^2+(4.00-4.00)^2)$ | 5.45 | | |
| | | | | 5.45 | |
| | | | | 0.00 | |
| W–9 | t2 | $^1((-6.25--9.92)^2+(3.90-3.90)^2)$ | 3.67 | | |
| | | | | 3.67 | |
| W–9 | t1 | $^1((13.59-6.31)^2+(3.93-3.93)^2)$ | 7.28 | | |
| | | | | 7.28 | |
| W–10 | t2 | $^1((-6.42--10.67)^2+(3.90-3.90)^2)$ | 4.25 | | |
| | | | | 4.25 | |
| W–10 | t1 | $^1((15.76-6.46)^2+(4.04-4.04)^2)$ | 9.30 | | |
| | | | | 9.30 | |
| W–11 | t2 | $^1((-6.50--11.43)^2+(3.91-3.91)^2)$ | 4.93 | | |
| | | | | 4.93 | |
| W–11 | t1 | $^1((15.45-6.50)^2+(4.16-4.16)^2)$ | 8.95 | | |
| | | | | 8.95 | |
| W–12 | t2 | $^1((-6.50--11.99)^2+(3.90-3.90)^2)$ | 5.49 | | |
| | | | | 5.49 | |
| W–12 | t1 | $^1((15.84-6.50)^2+(4.15-4.15)^2)$ | 9.34 | | |
| | | | | 9.34 | |
| W–13 | t2 | $^1((-6.50--12.34)^2+(3.89-3.89)^2)$ | 5.84 | | |
| | | | | 5.84 | |
| W–13 | t1 | $^1((16.95-6.50)^2+(4.14-4.14)^2)$ | 10.45 | | |
| | | | | 10.45 | |

A RIPORTARE ml

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   57

MARCIAPIEDE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | | | |
| W–14 | t2 | $^1((-6.50--12.47)^2+(3.88-3.88)^2)$ | 5.97 | | |
| | | | | 5.97 | |
| W–14 | t1 | $^1((18.26-6.50)^2+(4.13-4.13)^2)$ | 11.76 | | |
| | | | | 11.76 | |
| W–15 | t2 | $^1((-6.50--12.46)^2+(3.86-3.86)^2)$ | 5.96 | | |
| | | | | 5.96 | |
| W–15 | t1 | $^1((17.32-6.50)^2+(4.11-4.11)^2)$ | 10.82 | | |
| | | | | 10.82 | |
| W–16 | t2 | $^1((-6.50--12.24)^2+(3.83-3.83)^2)$ | 5.74 | | |
| | | | | 5.74 | |
| W–16 | t1 | $^1((15.94-6.50)^2+(4.08-4.08)^2)$ | 9.44 | | |
| | | | | 9.44 | |
| W–17 | t2 | $^1((-6.50--11.83)^2+(3.79-3.79)^2)$ | 5.33 | | |
| | | | | 5.33 | |
| W–17 | t1 | $^1((15.28-6.50)^2+(4.04-4.04)^2)$ | 8.78 | | |
| | | | | 8.78 | |
| W–18 | t2 | $^1((-6.50--11.06)^2+(3.73-3.73)^2)$ | 4.56 | | |
| | | | | 4.56 | |
| W–18 | t1 | $^1((15.36-6.50)^2+(3.87-3.87)^2)$ | 8.86 | | |
| | | | | 8.86 | |
| W–19 | t2 | $^1((-6.50--10.20)^2+(3.68-3.68)^2)$ | 3.70 | | |
| | | | | 3.70 | |
| W–19 | t1 | $^1((10.95-6.50)^2+(3.68-3.68)^2)$ | 4.45 | | |
| | | | | 4.45 | |
| W–20 | t2 | $^1((-6.47--9.60)^2+(3.63-3.63)^2)$ | 3.13 | | |
| | | | | 3.13 | |
| W–20 | t1 | $^1((11.54-6.47)^2+(3.63-3.63)^2)$ | 5.07 | | |
| | | | | 5.07 | |
| W–21 | t2 | $^1((-6.33--9.01)^2+(3.59-3.59)^2)$ | 2.68 | | |
| | | | | 2.68 | |
| W–21 | t1 | $^1((12.13-6.33)^2+(3.59-3.59)^2)$ | 5.80 | | |
| | | | | 5.80 | |
| W–22 | t2 | $^1((-6.09--8.41)^2+(3.66-3.66)^2)$ | 2.32 | | |
| | | | | 2.32 | |
| W–22 | t1 | $^1((12.72-6.09)^2+(3.66-3.66)^2)$ | 6.63 | | |
| | | | | 6.63 | |
| W–23 | t2 | $^1((-5.73--7.82)^2+(3.63-3.63)^2)$ | 2.09 | | |
| | | | | 2.09 | |
| W–23 | t1 | $^1((13.31-5.77)^2+(3.63-3.63)^2)$ | 7.54 | | |
| | | | | 7.54 | |
| W–24 | t2 | $^1((-5.37--7.28)^2+(3.60-3.60)^2)$ | 1.91 | | |
| | | | | 1.91 | |
| W–24 | t1 | $^1((13.84-5.49)^2+(3.59-3.59)^2)$ | 8.35 | | |
| | | | | 8.35 | |
| W–25 | t2 | $^1((-4.99--7.00)^2+(3.64-3.64)^2)$ | 2.01 | | |
| | | | | 2.01 | |
| W–25 | t1 | $^1((14.41-5.17)^2+(3.56-3.56)^2)$ | 9.24 | | |
| | | | | 9.24 | |
| W–26 | t2 | $^1((-4.65--7.00)^2+(3.67-3.67)^2)$ | 2.35 | | |
| | | | | 2.35 | |
| W–26 | t1 | $^1((14.96-4.78)^2+(3.52-3.52)^2)$ | 10.18 | | |

A RIPORTARE ml          10.18

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                     Foglio n.   58

MARCIAPIEDE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| | | RIPORTO ml | 10.18 | | |
| | | | | 10.18 | |
| W–27 | t2 | $^1((-4.48--7.00)^2+(3.67-3.67)^2)$ | 2.52 | | |
| | | | | 2.52 | |
| W–27 | t1 | $^1((9.23-4.52)^2+(3.45-3.45)^2)$ | 4.71 | | |
| | | | | 4.71 | |
| W–28 | t2 | $^1((-4.50--7.00)^2+(3.62-3.62)^2)$ | 2.50 | | |
| | | | | 2.50 | |
| W–28 | t1 | $^1((9.52-4.50)^2+(3.39-3.39)^2)$ | 5.02 | | |
| | | | | 5.02 | |
| W–29 | t2 | $^1((-4.50--7.00)^2+(3.57-3.57)^2)$ | 2.50 | | |
| | | | | 2.50 | |
| W–29 | t1 | $^1((9.49-4.50)^2+(3.35-3.35)^2)$ | 4.99 | | |
| | | | | 4.99 | |
| W–30 | t2 | $^1((-4.50--7.00)^2+(3.53-3.53)^2)$ | 2.50 | | |
| | | | | 2.50 | |
| W–30 | t1 | $^1((9.17-4.50)^2+(3.30-3.30)^2)$ | 4.67 | | |
| | | | | 4.67 | |
| W–31 | t2 | $^1((-4.50--7.00)^2+(3.48-3.48)^2)$ | 2.50 | | |
| | | | | 2.50 | |
| W–31 | t1 | $^1((8.81-4.50)^2+(3.26-3.26)^2)$ | 4.31 | | |
| | | | | 4.31 | |
| W–32 | t2 | $^1((-4.50--7.00)^2+(3.44-3.44)^2)$ | 2.50 | | |
| | | | | 2.50 | |
| W–32 | t1 | $^1((8.64-4.50)^2+(3.21-3.21)^2)$ | 4.14 | | |
| | | | | 4.14 | |
| W–33 | t2 | $^1((-4.50--7.00)^2+(3.38-3.38)^2)$ | 2.50 | | |
| | | | | 2.50 | |
| W–33 | t1 | $^1((8.44-4.50)^2+(3.16-3.16)^2)$ | 3.94 | | |
| | | | | 3.94 | |
| W–34 | t2 | $^1((-4.49--7.00)^2+(3.34-3.34)^2)$ | 2.51 | | |
| | | | | 2.51 | |
| W–34 | t1 | $^1((8.28-4.49)^2+(3.11-3.11)^2)$ | 3.79 | | |
| | | | | 3.79 | |
| W–35 | t2 | $^1((-4.43--7.00)^2+(3.29-3.29)^2)$ | 2.57 | | |
| | | | | 2.57 | |
| W–35 | t1 | $^1((8.19-4.40)^2+(3.08-3.08)^2)$ | 3.79 | | |
| | | | | 3.79 | |
| W–36 | t2 | $^1((-4.25--7.00)^2+(3.18-3.18)^2)$ | 2.75 | | |
| | | | | 2.75 | |
| W–36 | t1 | $^1((8.12-4.24)^2+(3.03-3.03)^2)$ | 3.88 | | |
| | | | | 3.88 | |
| W–37 | t2 | $^1((-4.06--7.00)^2+(3.07-3.07)^2)$ | 2.94 | | |
| | | | | 2.94 | |
| W–37 | t1 | $^1((8.01-4.09)^2+(2.99-2.99)^2)$ | 3.92 | | |
| | | | | 3.92 | |
| W–38 | t2 | $^1((-4.00--6.60)^2+(2.94-2.94)^2)$ | 2.60 | | |
| | | | | 2.60 | |
| W–38 | t1 | $^1((7.87-4.00)^2+(2.94-2.94)^2)$ | 3.87 | | |
| | | | | 3.87 | |
| W–39 | t2 | $^1((-4.00--6.60)^2+(2.93-2.93)^2)$ | 2.60 | | |
| | | | | 2.60 | |

A RIPORTARE ml

| | | **Ponte sullo Stretto di Messina** |
| :--- | :--- | :--- |
| Stretto di Messina | EurolinK | PROGETTO DEFINITIVO |

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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   59

MARCIAPIEDE

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
| :--- | :--- | :--- | :--- | :--- | :--- |
| | | RIPORTO ml | | | |
| W–39 | t1 | $\sqrt{((6.60-4.00)^2+(2.93-2.93)^2)}$ | 2.60 | | |
| | | | | 2.60 | |

Il Direttore dei Lavori          L'Impresa

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

CALCOLO DELLE LUNGHEZZE                    Foglio n.   60

SPARTITRAFFICO

| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO | LUNGHEZZA ELEMENTARE ml | LUNGHEZZA FIGURA ml | NOTE |
|---|---|---|---|---|---|
| W–9 | u1 | $^1((1.50\text{---}1.50)^2+(4.01\text{--}4.01)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–10 | u1 | $^1((1.50\text{---}1.50)^2+(4.03\text{--}4.03)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–11 | u1 | $^1((1.50\text{---}1.50)^2+(4.03\text{--}4.03)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–12 | u1 | $^1((1.50\text{---}1.50)^2+(4.03\text{--}4.03)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–13 | u1 | $^1((1.50\text{---}1.50)^2+(4.02\text{--}4.02)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–14 | u1 | $^1((1.50\text{---}1.50)^2+(4.01\text{--}4.01)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–15 | u1 | $^1((1.50\text{---}1.50)^2+(3.98\text{--}3.98)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–16 | u1 | $^1((1.50\text{---}1.50)^2+(3.95\text{--}3.95)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–17 | u1 | $^1((1.50\text{---}1.50)^2+(3.91\text{--}3.91)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–18 | u1 | $^1((1.50\text{---}1.50)^2+(3.86\text{--}3.86)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–19 | u1 | $^1((1.50\text{---}1.50)^2+(3.80\text{--}3.80)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–20 | u1 | $^1((1.50\text{---}1.50)^2+(3.76\text{--}3.76)^2)$ | 3.00 | | |
| | | | | 3.00 | |
| W–21 | u1 | $^1((1.50\text{---}1.50)^2+(3.71\text{--}3.71)^2)$ | 3.00 | | |
| | | | | 3.00 | |

Il Direttore dei Lavori          L'Impresa

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                Foglio n.   61

USURA

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| W–1 0.00 | W–2 18.60 | W–1 | g1 | 8.00 | 18.60 | 9.30 | 74.40 | |
| | | W–2 | g1 | 8.05 | 18.60 | 9.30 | 74.87 | |
| | | | | | | | | 149.27 |
| W–2 18.60 | W–3 35.60 | W–2 | g1 | 8.05 | 17.00 | 8.50 | 68.43 | |
| | | W–3 | g1 | 8.50 | 17.00 | 8.50 | 72.25 | |
| | | | | | | | | 140.68 |
| W–3 35.60 | W–4 52.59 | W–3 | g1 | 8.50 | 16.99 | 8.50 | 72.25 | |
| | | W–4 | g1 | 9.23 | 16.99 | 8.50 | 78.45 | |
| | | | | | | | | 150.70 |
| W–4 52.59 | W–5 65.02 | W–4 | g1 | 9.23 | 12.43 | 6.21 | 57.32 | |
| | | W–5 | g1 | 9.91 | 12.43 | 6.21 | 61.54 | |
| | | | | | | | | 118.86 |
| W–5 65.02 | W–6 80.02 | W–5 | g1 | 9.91 | 15.00 | 7.50 | 74.33 | |
| | | W–6 | g1 | 10.72 | 15.00 | 7.50 | 80.40 | |
| | | | | | | | | 154.73 |
| W–6 80.02 | W–7 96.84 | W–6 | g1 | 10.72 | 16.82 | 8.41 | 90.16 | |
| | | W–7 | g1 | 11.63 | 16.82 | 8.41 | 97.81 | |
| | | | | | | | | 187.97 |
| W–7 96.84 | W–8 115.05 | W–7 | g1 | 11.63 | 18.21 | 9.10 | 105.83 | |
| | | W–8 | g1 | 12.40 | 18.21 | 9.10 | 112.84 | |
| | | | | | | | | 218.67 |
| W–8 115.05 | W–9 120.82 | W–8 | g1 | 12.40 | 5.77 | 2.88 | 35.71 | |
| | | W–9 | g1 | 4.81 | 5.77 | 2.88 | 13.85 | |
| | | W–9 | g2 | 4.75 | 5.77 | 2.88 | 13.68 | |
| | | | | | | | | 63.24 |
| W–9 120.82 | W–10 135.83 | W–9 | g1 | 4.81 | 15.01 | 7.51 | 36.12 | |
| | | W–9 | g2 | 4.75 | 15.01 | 7.51 | 35.67 | |
| | | W–10 | g1 | 4.96 | 15.01 | 7.51 | 37.25 | |
| | | W–10 | g2 | 4.92 | 15.01 | 7.51 | 36.95 | |
| | | | | | | | | 145.99 |
| W–10 135.83 | W–11 151.72 | W–10 | g1 | 4.96 | 15.89 | 7.94 | 39.38 | |
| | | W–10 | g2 | 4.92 | 15.89 | 7.94 | 39.06 | |
| | | W–11 | g1 | 5.00 | 15.89 | 7.94 | 39.70 | |
| | | W–11 | g2 | 5.00 | 15.89 | 7.94 | 39.70 | |
| | | | | | | | | 157.84 |
| W–11 151.72 | W–12 166.72 | W–11 | g1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–11 | g2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–12 | g1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–12 | g2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | | | | | | | 150.00 |
| W–12 166.72 | W–13 181.76 | W–12 | g1 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | W–12 | g2 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | W–13 | g1 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | W–13 | g2 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | | | | | | | 150.40 |
| W–13 181.76 | W–14 193.03 | W–13 | g1 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | W–13 | g2 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | W–14 | g1 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | W–14 | g2 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | | | | | | | 112.80 |
| W–14 193.03 | W–15 208.09 | W–14 | g1 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | W–14 | g2 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | W–15 | g1 | 5.00 | 15.06 | 7.53 | 37.65 | |

A RIPORTARE mq          112.95          1901.15

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                              Foglio n.   62

USURA

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | A RIPORTARE mq | | 112.95 | 1901.15 |
| | | W–15 | g2 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | | | | | | | 150.60 |
| W–15 208.09 | W–16 223.11 | W–15 | g1 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–15 | g2 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | g1 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | g2 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | | | | | | | 150.20 |
| W–16 223.11 | W–17 238.11 | W–16 | g1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–16 | g2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | g1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | g2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | | | | | | | 150.00 |
| W–17 238.11 | W–18 256.13 | W–17 | g1 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–17 | g2 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | g1 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | g2 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | | | | | | | 180.20 |
| W–18 256.13 | W–19 275.68 | W–18 | g1 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–18 | g2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | g1 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | g2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | | | | | | | 195.60 |
| W–19 275.68 | W–20 290.80 | W–19 | g1 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–19 | g2 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–20 | g1 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | W–20 | g2 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | | | | | | | 150.74 |
| W–20 290.80 | W–21 305.80 | W–20 | g1 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–20 | g2 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–21 | g1 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | g2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | | | | | | | 147.00 |
| W–21 305.80 | W–22 320.80 | W–21 | g1 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | g2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–22 | g1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | | | | | | | 163.81 |
| W–22 320.80 | W–23 335.80 | W–22 | g1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | W–23 | g1 | 11.50 | 15.00 | 7.50 | 86.25 | |
| | | | | | | | | 177.60 |
| W–23 335.80 | W–24 349.31 | W–23 | g1 | 11.50 | 13.51 | 6.75 | 77.63 | |
| | | W–24 | g1 | 10.86 | 13.51 | 6.75 | 73.30 | |
| | | | | | | | | 150.93 |
| W–24 349.31 | W–25 364.31 | W–24 | g1 | 10.86 | 15.00 | 7.50 | 81.45 | |
| | | W–25 | g1 | 10.16 | 15.00 | 7.50 | 76.20 | |
| | | | | | | | | 157.65 |
| W–25 364.31 | W–26 380.80 | W–25 | g1 | 10.16 | 16.49 | 8.25 | 83.82 | |
| | | W–26 | g1 | 9.43 | 16.49 | 8.25 | 77.80 | |
| | | | | | | | | 161.62 |
| W–26 380.80 | W–27 405.80 | W–26 | g1 | 9.43 | 25.00 | 12.50 | 117.88 | |
| | | W–27 | g1 | 9.00 | 25.00 | 12.50 | 112.50 | |
| | | | | | | | | 230.38 |
| | | | | | A RIPORTARE mq | | | 4067.48 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   63

USURA

| DALLA SEZ.<br>DA PROG. | ALLA SEZ.<br>A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA<br>SEZIONI<br>ml | DISTANZA<br>DI CALCOLO<br>ml | AREA<br>PARZIALE<br>mq | AREA<br>TOTALE<br>mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | | A RIPORTARE mq | | 4067.48 |
| W-27<br>405.80 | W-28<br>424.98 | W-27<br>W-28 | g1<br>g1 | 9.00<br>9.00 | 19.18<br>19.18 | 9.59<br>9.59 | 86.31<br>86.31 | |
| | | | | | | | | 172.62 |
| W-28<br>424.98 | W-29<br>439.98 | W-28<br>W-29 | g1<br>g1 | 9.00<br>9.00 | 15.00<br>15.00 | 7.50<br>7.50 | 67.50<br>67.50 | |
| | | | | | | | | 135.00 |
| W-29<br>439.98 | W-30<br>454.99 | W-29<br>W-30 | g1<br>g1 | 9.00<br>9.00 | 15.01<br>15.01 | 7.50<br>7.50 | 67.50<br>67.50 | |
| | | | | | | | | 135.00 |
| W-30<br>454.99 | W-31<br>470.01 | W-30<br>W-31 | g1<br>g1 | 9.00<br>9.00 | 15.02<br>15.02 | 7.51<br>7.51 | 67.59<br>67.59 | |
| | | | | | | | | 135.18 |
| W-31<br>470.01 | W-32<br>485.06 | W-31<br>W-32 | g1<br>g1 | 9.00<br>9.00 | 15.05<br>15.05 | 7.53<br>7.53 | 67.77<br>67.77 | |
| | | | | | | | | 135.54 |
| W-32<br>485.06 | W-33<br>503.20 | W-32<br>W-33 | g1<br>g1 | 9.00<br>9.00 | 18.14<br>18.14 | 9.07<br>9.07 | 81.63<br>81.63 | |
| | | | | | | | | 163.26 |
| W-33<br>503.20 | W-34<br>517.20 | W-33<br>W-34 | g1<br>g1 | 9.00<br>8.98 | 14.00<br>14.00 | 7.00<br>7.00 | 63.00<br>62.86 | |
| | | | | | | | | 125.86 |
| W-34<br>517.20 | W-35<br>530.80 | W-34<br>W-35 | g1<br>g1 | 8.98<br>8.83 | 13.60<br>13.60 | 6.80<br>6.80 | 61.06<br>60.04 | |
| | | | | | | | | 121.10 |
| W-35<br>530.80 | W-36<br>545.80 | W-35<br>W-36 | g1<br>g1 | 8.83<br>8.49 | 15.00<br>15.00 | 7.50<br>7.50 | 66.22<br>63.68 | |
| | | | | | | | | 129.90 |
| W-36<br>545.80 | W-37<br>560.80 | W-36<br>W-37 | g1<br>g1 | 8.49<br>8.15 | 15.00<br>15.00 | 7.50<br>7.50 | 63.68<br>61.13 | |
| | | | | | | | | 124.81 |
| W-37<br>560.80 | W-38<br>578.87 | W-37<br>W-38 | g1<br>g1 | 8.15<br>8.00 | 18.07<br>18.07 | 9.04<br>9.04 | 73.68<br>72.32 | |
| | | | | | | | | 146.00 |
| W-38<br>578.87 | W-39<br>583.87 | W-38<br>W-39 | g1<br>g1 | 8.00<br>8.00 | 5.00<br>5.00 | 2.50<br>2.50 | 20.00<br>20.00 | |
| | | | | | | | | 40.00 |

Il Direttore dei Lavori          L'Impresa

TOTALE ARTICOLO          5631.75

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                     Foglio n.   64

BINDER

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| W–1 0.00 | W–2 18.60 | W–1 W–2 | h1 h1 | 8.00 8.05 | 18.60 18.60 | 9.30 9.30 | 74.40 74.87 | |
| | | | | | | | | 149.27 |
| W–2 18.60 | W–3 35.60 | W–2 W–3 | h1 h1 | 8.05 8.50 | 17.00 17.00 | 8.50 8.50 | 68.43 72.25 | |
| | | | | | | | | 140.68 |
| W–3 35.60 | W–4 52.59 | W–3 W–4 | h1 h1 | 8.50 9.23 | 16.99 16.99 | 8.50 8.50 | 72.25 78.45 | |
| | | | | | | | | 150.70 |
| W–4 52.59 | W–5 65.02 | W–4 W–5 | h1 h1 | 9.23 9.91 | 12.43 12.43 | 6.21 6.21 | 57.32 61.54 | |
| | | | | | | | | 118.86 |
| W–5 65.02 | W–6 80.02 | W–5 W–6 | h1 h1 | 9.91 10.72 | 15.00 15.00 | 7.50 7.50 | 74.33 80.40 | |
| | | | | | | | | 154.73 |
| W–6 80.02 | W–7 96.84 | W–6 W–7 | h1 h1 | 10.72 11.63 | 16.82 16.82 | 8.41 8.41 | 90.16 97.81 | |
| | | | | | | | | 187.97 |
| W–7 96.84 | W–8 115.05 | W–7 W–8 | h1 h1 | 11.63 12.40 | 18.21 18.21 | 9.10 9.10 | 105.83 112.84 | |
| | | | | | | | | 218.67 |
| W–8 115.05 | W–9 120.82 | W–8 W–9 W–9 | h1 h1 h2 | 12.40 4.81 4.75 | 5.77 5.77 5.77 | 2.88 2.88 2.88 | 35.71 13.85 13.68 | |
| | | | | | | | | 63.24 |
| W–9 120.82 | W–10 135.83 | W–9 W–9 W–10 W–10 | h1 h2 h1 h2 | 4.81 4.75 4.96 4.92 | 15.01 15.01 15.01 15.01 | 7.51 7.51 7.51 7.51 | 36.12 35.67 37.25 36.95 | |
| | | | | | | | | 145.99 |
| W–10 135.83 | W–11 151.72 | W–10 W–10 W–11 W–11 | h1 h2 h1 h2 | 4.96 4.92 5.00 5.00 | 15.89 15.89 15.89 15.89 | 7.94 7.94 7.94 7.94 | 39.38 39.06 39.70 39.70 | |
| | | | | | | | | 157.84 |
| W–11 151.72 | W–12 166.72 | W–11 W–11 W–12 W–12 | h1 h2 h1 h2 | 5.00 5.00 5.00 5.00 | 15.00 15.00 15.00 15.00 | 7.50 7.50 7.50 7.50 | 37.50 37.50 37.50 37.50 | |
| | | | | | | | | 150.00 |
| W–12 166.72 | W–13 181.76 | W–12 W–12 W–13 W–13 | h1 h2 h1 h2 | 5.00 5.00 5.00 5.00 | 15.04 15.04 15.04 15.04 | 7.52 7.52 7.52 7.52 | 37.60 37.60 37.60 37.60 | |
| | | | | | | | | 150.40 |
| W–13 181.76 | W–14 193.03 | W–13 W–13 W–14 W–14 | h1 h2 h1 h2 | 5.00 5.00 5.00 5.00 | 11.27 11.27 11.27 11.27 | 5.64 5.64 5.64 5.64 | 28.20 28.20 28.20 28.20 | |
| | | | | | | | | 112.80 |
| W–14 193.03 | W–15 208.09 | W–14 W–14 W–15 | h1 h2 h1 | 5.00 5.00 5.00 | 15.06 15.06 15.06 | 7.53 7.53 7.53 | 37.65 37.65 37.65 | |

A RIPORTARE mq          112.95        1901.15

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

Stretto di Messina — EurolinK

TABULATI MOVIMENTI MATERIA

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|---|---|---|
| CS0135_F0.doc | F0 | 20/06/2011 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                    Foglio n.  65

BINDER

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | A RIPORTARE mq | | 112.95 | 1901.15 |
| | | W–15 | h2 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | | | | | | | 150.60 |
| W–15 208.09 | W–16 223.11 | W–15 | h1 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–15 | h2 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | h1 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | h2 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | | | | | | | 150.20 |
| W–16 223.11 | W–17 238.11 | W–16 | h1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–16 | h2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | h1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | h2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | | | | | | | 150.00 |
| W–17 238.11 | W–18 256.13 | W–17 | h1 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–17 | h2 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | h1 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | h2 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | | | | | | | 180.20 |
| W–18 256.13 | W–19 275.68 | W–18 | h1 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–18 | h2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | h1 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | h2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | | | | | | | 195.60 |
| W–19 275.68 | W–20 290.80 | W–19 | h1 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–19 | h2 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–20 | h1 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | W–20 | h2 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | | | | | | | 150.74 |
| W–20 290.80 | W–21 305.80 | W–20 | h1 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–20 | h2 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–21 | h1 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | h2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | | | | | | | 147.00 |
| W–21 305.80 | W–22 320.80 | W–21 | h1 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | h2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–22 | h1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | | | | | | | 163.81 |
| W–22 320.80 | W–23 335.80 | W–22 | h1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | W–23 | h1 | 11.50 | 15.00 | 7.50 | 86.25 | |
| | | | | | | | | 177.60 |
| W–23 335.80 | W–24 349.31 | W–23 | h1 | 11.50 | 13.51 | 6.75 | 77.63 | |
| | | W–24 | h1 | 10.86 | 13.51 | 6.75 | 73.30 | |
| | | | | | | | | 150.93 |
| W–24 349.31 | W–25 364.31 | W–24 | h1 | 10.86 | 15.00 | 7.50 | 81.45 | |
| | | W–25 | h1 | 10.16 | 15.00 | 7.50 | 76.20 | |
| | | | | | | | | 157.65 |
| W–25 364.31 | W–26 380.80 | W–25 | h1 | 10.16 | 16.49 | 8.25 | 83.82 | |
| | | W–26 | h1 | 9.43 | 16.49 | 8.25 | 77.80 | |
| | | | | | | | | 161.62 |
| W–26 380.80 | W–27 405.80 | W–26 | h1 | 9.43 | 25.00 | 12.50 | 117.88 | |
| | | W–27 | h1 | 9.00 | 25.00 | 12.50 | 112.50 | |
| | | | | | | | | 230.38 |
| | | | | | A RIPORTARE mq | | | 4067.48 |

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

TABULATI MOVIMENTI MATERIA

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Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.  66

BINDER

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | | A RIPORTARE mq | | 4067.48 |
| W–27 405.80 | W–28 424.98 | W–27 W–28 | h1 h1 | 9.00 9.00 | 19.18 19.18 | 9.59 9.59 | 86.31 86.31 | |
| | | | | | | | | 172.62 |
| W–28 424.98 | W–29 439.98 | W–28 W–29 | h1 h1 | 9.00 9.00 | 15.00 15.00 | 7.50 7.50 | 67.50 67.50 | |
| | | | | | | | | 135.00 |
| W–29 439.98 | W–30 454.99 | W–29 W–30 | h1 h1 | 9.00 9.00 | 15.01 15.01 | 7.50 7.50 | 67.50 67.50 | |
| | | | | | | | | 135.00 |
| W–30 454.99 | W–31 470.01 | W–30 W–31 | h1 h1 | 9.00 9.00 | 15.02 15.02 | 7.51 7.51 | 67.59 67.59 | |
| | | | | | | | | 135.18 |
| W–31 470.01 | W–32 485.06 | W–31 W–32 | h1 h1 | 9.00 9.00 | 15.05 15.05 | 7.53 7.53 | 67.77 67.77 | |
| | | | | | | | | 135.54 |
| W–32 485.06 | W–33 503.20 | W–32 W–33 | h1 h1 | 9.00 9.00 | 18.14 18.14 | 9.07 9.07 | 81.63 81.63 | |
| | | | | | | | | 163.26 |
| W–33 503.20 | W–34 517.20 | W–33 W–34 | h1 h1 | 9.00 8.98 | 14.00 14.00 | 7.00 7.00 | 63.00 62.86 | |
| | | | | | | | | 125.86 |
| W–34 517.20 | W–35 530.80 | W–34 W–35 | h1 h1 | 8.98 8.83 | 13.60 13.60 | 6.80 6.80 | 61.06 60.04 | |
| | | | | | | | | 121.10 |
| W–35 530.80 | W–36 545.80 | W–35 W–36 | h1 h1 | 8.83 8.49 | 15.00 15.00 | 7.50 7.50 | 66.22 63.68 | |
| | | | | | | | | 129.90 |
| W–36 545.80 | W–37 560.80 | W–36 W–37 | h1 h1 | 8.49 8.15 | 15.00 15.00 | 7.50 7.50 | 63.68 61.13 | |
| | | | | | | | | 124.81 |
| W–37 560.80 | W–38 578.87 | W–37 W–38 | h1 h1 | 8.15 8.00 | 18.07 18.07 | 9.04 9.04 | 73.68 72.32 | |
| | | | | | | | | 146.00 |
| W–38 578.87 | W–39 583.87 | W–38 W–39 | h1 h1 | 8.00 8.00 | 5.00 5.00 | 2.50 2.50 | 20.00 20.00 | |
| | | | | | | | | 40.00 |

Il Direttore dei Lavori          L'Impresa

TOTALE ARTICOLO          5631.75

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                    Foglio n.  67

BASE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| W–1  0.00 | W–2  18.60 | W–1 | i1 | 8.00 | 18.60 | 9.30 | 74.40 | |
| | | W–2 | i1 | 8.05 | 18.60 | 9.30 | 74.87 | |
| | | | | | | | | 149.27 |
| W–2  18.60 | W–3  35.60 | W–2 | i1 | 8.05 | 17.00 | 8.50 | 68.43 | |
| | | W–3 | i1 | 8.50 | 17.00 | 8.50 | 72.25 | |
| | | | | | | | | 140.68 |
| W–3  35.60 | W–4  52.59 | W–3 | i1 | 8.50 | 16.99 | 8.50 | 72.25 | |
| | | W–4 | i1 | 9.23 | 16.99 | 8.50 | 78.45 | |
| | | | | | | | | 150.70 |
| W–4  52.59 | W–5  65.02 | W–4 | i1 | 9.23 | 12.43 | 6.21 | 57.32 | |
| | | W–5 | i1 | 9.91 | 12.43 | 6.21 | 61.54 | |
| | | | | | | | | 118.86 |
| W–5  65.02 | W–6  80.02 | W–5 | i1 | 9.91 | 15.00 | 7.50 | 74.33 | |
| | | W–6 | i1 | 10.72 | 15.00 | 7.50 | 80.40 | |
| | | | | | | | | 154.73 |
| W–6  80.02 | W–7  96.84 | W–6 | i1 | 10.72 | 16.82 | 8.41 | 90.16 | |
| | | W–7 | i1 | 11.63 | 16.82 | 8.41 | 97.81 | |
| | | | | | | | | 187.97 |
| W–7  96.84 | W–8  115.05 | W–7 | i1 | 11.63 | 18.21 | 9.10 | 105.83 | |
| | | W–8 | i1 | 12.40 | 18.21 | 9.10 | 112.84 | |
| | | | | | | | | 218.67 |
| W–8  115.05 | W–9  120.82 | W–8 | i1 | 12.40 | 5.77 | 2.88 | 35.71 | |
| | | W–9 | i1 | 4.81 | 5.77 | 2.88 | 13.85 | |
| | | W–9 | i2 | 4.75 | 5.77 | 2.88 | 13.68 | |
| | | | | | | | | 63.24 |
| W–9  120.82 | W–10  135.83 | W–9 | i1 | 4.81 | 15.01 | 7.51 | 36.12 | |
| | | W–9 | i2 | 4.75 | 15.01 | 7.51 | 35.67 | |
| | | W–10 | i1 | 4.96 | 15.01 | 7.51 | 37.25 | |
| | | W–10 | i2 | 4.92 | 15.01 | 7.51 | 36.95 | |
| | | | | | | | | 145.99 |
| W–10  135.83 | W–11  151.72 | W–10 | i1 | 4.96 | 15.89 | 7.94 | 39.38 | |
| | | W–10 | i2 | 4.92 | 15.89 | 7.94 | 39.06 | |
| | | W–11 | i1 | 5.00 | 15.89 | 7.94 | 39.70 | |
| | | W–11 | i2 | 5.00 | 15.89 | 7.94 | 39.70 | |
| | | | | | | | | 157.84 |
| W–11  151.72 | W–12  166.72 | W–11 | i1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–11 | i2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–12 | i1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–12 | i2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | | | | | | | 150.00 |
| W–12  166.72 | W–13  181.76 | W–12 | i1 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | W–12 | i2 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | W–13 | i1 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | W–13 | i2 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | | | | | | | 150.40 |
| W–13  181.76 | W–14  193.03 | W–13 | i1 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | W–13 | i2 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | W–14 | i1 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | W–14 | i2 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | | | | | | | 112.80 |
| W–14  193.03 | W–15  208.09 | W–14 | i1 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | W–14 | i2 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | W–15 | i1 | 5.00 | 15.06 | 7.53 | 37.65 | |

A RIPORTARE mq          112.95          1901.15

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

Stretto di Messina — EurolinK

TABULATI MOVIMENTI MATERIA

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|---|---|---|
| CS0135_F0.doc | F0 | 20/06/2011 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   68

BASE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | A RIPORTARE mq | | 112.95 | 1901.15 |
| | | W–15 | i2 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | | | | | | | 150.60 |
| W–15 208.09 | W–16 223.11 | W–15 | i1 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–15 | i2 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | i1 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | i2 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | | | | | | | 150.20 |
| W–16 223.11 | W–17 238.11 | W–16 | i1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–16 | i2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | i1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | i2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | | | | | | | 150.00 |
| W–17 238.11 | W–18 256.13 | W–17 | i1 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–17 | i2 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | i1 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | i2 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | | | | | | | 180.20 |
| W–18 256.13 | W–19 275.68 | W–18 | i1 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–18 | i2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | i1 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | i2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | | | | | | | 195.60 |
| W–19 275.68 | W–20 290.80 | W–19 | i1 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–19 | i2 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–20 | i1 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | W–20 | i2 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | | | | | | | 150.74 |
| W–20 290.80 | W–21 305.80 | W–20 | i1 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–20 | i2 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–21 | i1 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | i2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | | | | | | | 147.00 |
| W–21 305.80 | W–22 320.80 | W–21 | i1 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | i2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–22 | i1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | | | | | | | 163.81 |
| W–22 320.80 | W–23 335.80 | W–22 | i1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | W–23 | i1 | 11.50 | 15.00 | 7.50 | 86.25 | |
| | | | | | | | | 177.60 |
| W–23 335.80 | W–24 349.31 | W–23 | i1 | 11.50 | 13.51 | 6.75 | 77.63 | |
| | | W–24 | i1 | 10.86 | 13.51 | 6.75 | 73.30 | |
| | | | | | | | | 150.93 |
| W–24 349.31 | W–25 364.31 | W–24 | i1 | 10.86 | 15.00 | 7.50 | 81.45 | |
| | | W–25 | i1 | 10.16 | 15.00 | 7.50 | 76.20 | |
| | | | | | | | | 157.65 |
| W–25 364.31 | W–26 380.80 | W–25 | i1 | 10.16 | 16.49 | 8.25 | 83.82 | |
| | | W–26 | i1 | 9.43 | 16.49 | 8.25 | 77.80 | |
| | | | | | | | | 161.62 |
| W–26 380.80 | W–27 405.80 | W–26 | i1 | 9.43 | 25.00 | 12.50 | 117.88 | |
| | | W–27 | i1 | 9.00 | 25.00 | 12.50 | 112.50 | |
| | | | | | | | | 230.38 |
| | | | | | A RIPORTARE mq | | | 4067.48 |

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

TABULATI MOVIMENTI MATERIA

Stretto di Messina

EurolinK

| Codice documento | Rev | Data |
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| CS0135_F0.doc | F0 | 20/06/2011 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   69

BASE

| DALLA SEZ.<br>DA PROG. | ALLA SEZ.<br>A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA<br>SEZIONI<br>ml | DISTANZA<br>DI CALCOLO<br>ml | AREA<br>PARZIALE<br>mq | AREA<br>TOTALE<br>mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | | A RIPORTARE mq | | 4067.48 |
| W–27<br>405.80 | W–28<br>424.98 | W–27<br>W–28 | i1<br>i1 | 9.00<br>9.00 | 19.18<br>19.18 | 9.59<br>9.59 | 86.31<br>86.31 | |
| | | | | | | | | 172.62 |
| W–28<br>424.98 | W–29<br>439.98 | W–28<br>W–29 | i1<br>i1 | 9.00<br>9.00 | 15.00<br>15.00 | 7.50<br>7.50 | 67.50<br>67.50 | |
| | | | | | | | | 135.00 |
| W–29<br>439.98 | W–30<br>454.99 | W–29<br>W–30 | i1<br>i1 | 9.00<br>9.00 | 15.01<br>15.01 | 7.50<br>7.50 | 67.50<br>67.50 | |
| | | | | | | | | 135.00 |
| W–30<br>454.99 | W–31<br>470.01 | W–30<br>W–31 | i1<br>i1 | 9.00<br>9.00 | 15.02<br>15.02 | 7.51<br>7.51 | 67.59<br>67.59 | |
| | | | | | | | | 135.18 |
| W–31<br>470.01 | W–32<br>485.06 | W–31<br>W–32 | i1<br>i1 | 9.00<br>9.00 | 15.05<br>15.05 | 7.53<br>7.53 | 67.77<br>67.77 | |
| | | | | | | | | 135.54 |
| W–32<br>485.06 | W–33<br>503.20 | W–32<br>W–33 | i1<br>i1 | 9.00<br>9.00 | 18.14<br>18.14 | 9.07<br>9.07 | 81.63<br>81.63 | |
| | | | | | | | | 163.26 |
| W–33<br>503.20 | W–34<br>517.20 | W–33<br>W–34 | i1<br>i1 | 9.00<br>8.98 | 14.00<br>14.00 | 7.00<br>7.00 | 63.00<br>62.86 | |
| | | | | | | | | 125.86 |
| W–34<br>517.20 | W–35<br>530.80 | W–34<br>W–35 | i1<br>i1 | 8.98<br>8.83 | 13.60<br>13.60 | 6.80<br>6.80 | 61.06<br>60.04 | |
| | | | | | | | | 121.10 |
| W–35<br>530.80 | W–36<br>545.80 | W–35<br>W–36 | i1<br>i1 | 8.83<br>8.49 | 15.00<br>15.00 | 7.50<br>7.50 | 66.22<br>63.68 | |
| | | | | | | | | 129.90 |
| W–36<br>545.80 | W–37<br>560.80 | W–36<br>W–37 | i1<br>i1 | 8.49<br>8.15 | 15.00<br>15.00 | 7.50<br>7.50 | 63.68<br>61.13 | |
| | | | | | | | | 124.81 |
| W–37<br>560.80 | W–38<br>578.87 | W–37<br>W–38 | i1<br>i1 | 8.15<br>8.00 | 18.07<br>18.07 | 9.04<br>9.04 | 73.68<br>72.32 | |
| | | | | | | | | 146.00 |
| W–38<br>578.87 | W–39<br>583.87 | W–38<br>W–39 | i1<br>i1 | 8.00<br>8.00 | 5.00<br>5.00 | 2.50<br>2.50 | 20.00<br>20.00 | |
| | | | | | | | | 40.00 |

Il Direttore dei Lavori          L'Impresa

TOTALE ARTICOLO          5631.75

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

Stretto di Messina

EurolinK

TABULATI MOVIMENTI MATERIA

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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                   Foglio n.   70

MISTO CEMENTATO

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| W–1 | W–2 | W–1 | l1 | 8.00 | 18.60 | 9.30 | 74.40 | |
| 0.00 | 18.60 | W–2 | l1 | 8.05 | 18.60 | 9.30 | 74.87 | |
| | | | | | | | | 149.27 |
| W–2 | W–3 | W–2 | l1 | 8.05 | 17.00 | 8.50 | 68.43 | |
| 18.60 | 35.60 | W–3 | l1 | 8.50 | 17.00 | 8.50 | 72.25 | |
| | | | | | | | | 140.68 |
| W–3 | W–4 | W–3 | l1 | 8.50 | 16.99 | 8.50 | 72.25 | |
| 35.60 | 52.59 | W–4 | l1 | 9.23 | 16.99 | 8.50 | 78.45 | |
| | | | | | | | | 150.70 |
| W–4 | W–5 | W–4 | l1 | 9.23 | 12.43 | 6.21 | 57.32 | |
| 52.59 | 65.02 | W–5 | l1 | 9.91 | 12.43 | 6.21 | 61.54 | |
| | | | | | | | | 118.86 |
| W–5 | W–6 | W–5 | l1 | 9.91 | 15.00 | 7.50 | 74.33 | |
| 65.02 | 80.02 | W–6 | l1 | 10.72 | 15.00 | 7.50 | 80.40 | |
| | | | | | | | | 154.73 |
| W–6 | W–7 | W–6 | l1 | 10.72 | 16.82 | 8.41 | 90.16 | |
| 80.02 | 96.84 | W–7 | l1 | 11.63 | 16.82 | 8.41 | 97.81 | |
| | | | | | | | | 187.97 |
| W–7 | W–8 | W–7 | l1 | 11.63 | 18.21 | 9.10 | 105.83 | |
| 96.84 | 115.05 | W–8 | l1 | 12.40 | 18.21 | 9.10 | 112.84 | |
| | | | | | | | | 218.67 |
| W–8 | W–9 | W–8 | l1 | 12.40 | 5.77 | 2.88 | 35.71 | |
| 115.05 | 120.82 | W–9 | l1 | 4.81 | 5.77 | 2.88 | 13.85 | |
| | | W–9 | l2 | 4.75 | 5.77 | 2.88 | 13.68 | |
| | | | | | | | | 63.24 |
| W–9 | W–10 | W–9 | l1 | 4.81 | 15.01 | 7.51 | 36.12 | |
| 120.82 | 135.83 | W–9 | l2 | 4.75 | 15.01 | 7.51 | 35.67 | |
| | | W–10 | l1 | 4.96 | 15.01 | 7.51 | 37.25 | |
| | | W–10 | l2 | 4.92 | 15.01 | 7.51 | 36.95 | |
| | | | | | | | | 145.99 |
| W–10 | W–11 | W–10 | l1 | 4.96 | 15.89 | 7.94 | 39.38 | |
| 135.83 | 151.72 | W–10 | l2 | 4.92 | 15.89 | 7.94 | 39.06 | |
| | | W–11 | l1 | 5.00 | 15.89 | 7.94 | 39.70 | |
| | | W–11 | l2 | 5.00 | 15.89 | 7.94 | 39.70 | |
| | | | | | | | | 157.84 |
| W–11 | W–12 | W–11 | l1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| 151.72 | 166.72 | W–11 | l2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–12 | l1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–12 | l2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | | | | | | | 150.00 |
| W–12 | W–13 | W–12 | l1 | 5.00 | 15.04 | 7.52 | 37.60 | |
| 166.72 | 181.76 | W–12 | l2 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | W–13 | l1 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | W–13 | l2 | 5.00 | 15.04 | 7.52 | 37.60 | |
| | | | | | | | | 150.40 |
| W–13 | W–14 | W–13 | l1 | 5.00 | 11.27 | 5.64 | 28.20 | |
| 181.76 | 193.03 | W–13 | l2 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | W–14 | l1 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | W–14 | l2 | 5.00 | 11.27 | 5.64 | 28.20 | |
| | | | | | | | | 112.80 |
| W–14 | W–15 | W–14 | l1 | 5.00 | 15.06 | 7.53 | 37.65 | |
| 193.03 | 208.09 | W–14 | l2 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | W–15 | l1 | 5.00 | 15.06 | 7.53 | 37.65 | |

A RIPORTARE mq          112.95        1901.15

| | | **Ponte sullo Stretto di Messina** |
| --- | --- | --- |
| **Stretto di Messina** | **EurolinK** | **PROGETTO DEFINITIVO** |

| TABULATI MOVIMENTI MATERIA | Codice documento CS0135_F0.doc | Rev F0 | Data 20/06/2011 |
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COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   71

MISTO CEMENTATO

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | A RIPORTARE mq | 112.95 | 1901.15 |
| | | W–15 | 12 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | | | | | | | 150.60 |
| W–15 208.09 | W–16 223.11 | W–15 | 11 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–15 | 12 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | 11 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | 12 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | | | | | | | 150.20 |
| W–16 223.11 | W–17 238.11 | W–16 | 11 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–16 | 12 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | 11 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | 12 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | | | | | | | 150.00 |
| W–17 238.11 | W–18 256.13 | W–17 | 11 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–17 | 12 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | 11 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | 12 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | | | | | | | 180.20 |
| W–18 256.13 | W–19 275.68 | W–18 | 11 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–18 | 12 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | 11 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | 12 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | | | | | | | 195.60 |
| W–19 275.68 | W–20 290.80 | W–19 | 11 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–19 | 12 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–20 | 11 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | W–20 | 12 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | | | | | | | 150.74 |
| W–20 290.80 | W–21 305.80 | W–20 | 11 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–20 | 12 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–21 | 11 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | 12 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | | | | | | | 147.00 |
| W–21 305.80 | W–22 320.80 | W–21 | 11 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | 12 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–22 | 11 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | | | | | | | 163.81 |
| W–22 320.80 | W–23 335.80 | W–22 | 11 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | W–23 | 11 | 11.50 | 15.00 | 7.50 | 86.25 | |
| | | | | | | | | 177.60 |
| W–23 335.80 | W–24 349.31 | W–23 | 11 | 11.50 | 13.51 | 6.75 | 77.63 | |
| | | W–24 | 11 | 10.86 | 13.51 | 6.75 | 73.30 | |
| | | | | | | | | 150.93 |
| W–24 349.31 | W–25 364.31 | W–24 | 11 | 10.86 | 15.00 | 7.50 | 81.45 | |
| | | W–25 | 11 | 10.16 | 15.00 | 7.50 | 76.20 | |
| | | | | | | | | 157.65 |
| W–25 364.31 | W–26 380.80 | W–25 | 11 | 10.16 | 16.49 | 8.25 | 83.82 | |
| | | W–26 | 11 | 9.43 | 16.49 | 8.25 | 77.80 | |
| | | | | | | | | 161.62 |
| W–26 380.80 | W–27 405.80 | W–26 | 11 | 9.43 | 25.00 | 12.50 | 117.88 | |
| | | W–27 | 11 | 9.00 | 25.00 | 12.50 | 112.50 | |
| | | | | | | | | 230.38 |
| | | | | | | A RIPORTARE mq | | 4067.48 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   72

MISTO CEMENTATO

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | | A RIPORTARE mq | | 4067.48 |
| W–27 405.80 | W–28 424.98 | W–27 W–28 | l1 l1 | 9.00 9.00 | 19.18 19.18 | 9.59 9.59 | 86.31 86.31 | |
| | | | | | | | | 172.62 |
| W–28 424.98 | W–29 439.98 | W–28 W–29 | l1 l1 | 9.00 9.00 | 15.00 15.00 | 7.50 7.50 | 67.50 67.50 | |
| | | | | | | | | 135.00 |
| W–29 439.98 | W–30 454.99 | W–29 W–30 | l1 l1 | 9.00 9.00 | 15.01 15.01 | 7.50 7.50 | 67.50 67.50 | |
| | | | | | | | | 135.00 |
| W–30 454.99 | W–31 470.01 | W–30 W–31 | l1 l1 | 9.00 9.00 | 15.02 15.02 | 7.51 7.51 | 67.59 67.59 | |
| | | | | | | | | 135.18 |
| W–31 470.01 | W–32 485.06 | W–31 W–32 | l1 l1 | 9.00 9.00 | 15.05 15.05 | 7.53 7.53 | 67.77 67.77 | |
| | | | | | | | | 135.54 |
| W–32 485.06 | W–33 503.20 | W–32 W–33 | l1 l1 | 9.00 9.00 | 18.14 18.14 | 9.07 9.07 | 81.63 81.63 | |
| | | | | | | | | 163.26 |
| W–33 503.20 | W–34 517.20 | W–33 W–34 | l1 l1 | 9.00 8.98 | 14.00 14.00 | 7.00 7.00 | 63.00 62.86 | |
| | | | | | | | | 125.86 |
| W–34 517.20 | W–35 530.80 | W–34 W–35 | l1 l1 | 8.98 8.83 | 13.60 13.60 | 6.80 6.80 | 61.06 60.04 | |
| | | | | | | | | 121.10 |
| W–35 530.80 | W–36 545.80 | W–35 W–36 | l1 l1 | 8.83 8.49 | 15.00 15.00 | 7.50 7.50 | 66.22 63.68 | |
| | | | | | | | | 129.90 |
| W–36 545.80 | W–37 560.80 | W–36 W–37 | l1 l1 | 8.49 8.15 | 15.00 15.00 | 7.50 7.50 | 63.68 61.13 | |
| | | | | | | | | 124.81 |
| W–37 560.80 | W–38 578.87 | W–37 W–38 | l1 l1 | 8.15 8.00 | 18.07 18.07 | 9.04 9.04 | 73.68 72.32 | |
| | | | | | | | | 146.00 |
| W–38 578.87 | W–39 583.87 | W–38 W–39 | l1 l1 | 8.00 8.00 | 5.00 5.00 | 2.50 2.50 | 20.00 20.00 | |
| | | | | | | | | 40.00 |

Il Direttore dei Lavori          L'Impresa

TOTALE ARTICOLO                5631.75

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

Stretto di Messina

EurolinK

TABULATI MOVIMENTI MATERIA

| Codice documento | Rev | Data |
|---|---|---|
| CS0135_F0.doc | F0 | 20/06/2011 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                    Foglio n.  73

FONDAZIONE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| W–1 0.00 | W–2 18.60 | W–1 W–2 | m1 m1 | 8.00 8.05 | 18.60 18.60 | 9.30 9.30 | 74.40 74.87 | |
| | | | | | | | | 149.27 |
| W–2 18.60 | W–3 35.60 | W–2 W–3 | m1 m1 | 8.05 8.50 | 17.00 17.00 | 8.50 8.50 | 68.43 72.25 | |
| | | | | | | | | 140.68 |
| W–3 35.60 | W–4 52.59 | W–3 W–4 | m1 m1 | 8.50 9.23 | 16.99 16.99 | 8.50 8.50 | 72.25 78.45 | |
| | | | | | | | | 150.70 |
| W–4 52.59 | W–5 65.02 | W–4 W–5 | m1 m1 | 9.23 9.91 | 12.43 12.43 | 6.21 6.21 | 57.32 61.54 | |
| | | | | | | | | 118.86 |
| W–5 65.02 | W–6 80.02 | W–5 W–6 | m1 m1 | 9.91 10.72 | 15.00 15.00 | 7.50 7.50 | 74.33 80.40 | |
| | | | | | | | | 154.73 |
| W–6 80.02 | W–7 96.84 | W–6 W–7 | m1 m1 | 10.72 11.63 | 16.82 16.82 | 8.41 8.41 | 90.16 97.81 | |
| | | | | | | | | 187.97 |
| W–7 96.84 | W–8 115.05 | W–7 W–8 | m1 m1 | 11.63 12.40 | 18.21 18.21 | 9.10 9.10 | 105.83 112.84 | |
| | | | | | | | | 218.67 |
| W–8 115.05 | W–9 120.82 | W–8 W–9 W–9 | m1 m1 m2 | 12.40 4.81 4.75 | 5.77 5.77 5.77 | 2.88 2.88 2.88 | 35.71 13.85 13.68 | |
| | | | | | | | | 63.24 |
| W–9 120.82 | W–10 135.83 | W–9 W–9 W–10 W–10 | m1 m2 m1 m2 | 4.81 4.75 4.96 4.92 | 15.01 15.01 15.01 15.01 | 7.51 7.51 7.51 7.51 | 36.12 35.67 37.25 36.95 | |
| | | | | | | | | 145.99 |
| W–10 135.83 | W–11 151.72 | W–10 W–10 W–11 W–11 | m1 m2 m1 m2 | 4.96 4.92 5.00 5.00 | 15.89 15.89 15.89 15.89 | 7.94 7.94 7.94 7.94 | 39.38 39.06 39.70 39.70 | |
| | | | | | | | | 157.84 |
| W–11 151.72 | W–12 166.72 | W–11 W–11 W–12 W–12 | m1 m2 m1 m2 | 5.00 5.00 5.00 5.00 | 15.00 15.00 15.00 15.00 | 7.50 7.50 7.50 7.50 | 37.50 37.50 37.50 37.50 | |
| | | | | | | | | 150.00 |
| W–12 166.72 | W–13 181.76 | W–12 W–12 W–13 W–13 | m1 m2 m1 m2 | 5.00 5.00 5.00 5.00 | 15.04 15.04 15.04 15.04 | 7.52 7.52 7.52 7.52 | 37.60 37.60 37.60 37.60 | |
| | | | | | | | | 150.40 |
| W–13 181.76 | W–14 193.03 | W–13 W–13 W–14 W–14 | m1 m2 m1 m2 | 5.00 5.00 5.00 5.00 | 11.27 11.27 11.27 11.27 | 5.64 5.64 5.64 5.64 | 28.20 28.20 28.20 28.20 | |
| | | | | | | | | 112.80 |
| W–14 193.03 | W–15 208.09 | W–14 W–14 W–15 | m1 m2 m1 | 5.00 5.00 5.00 | 15.06 15.06 15.06 | 7.53 7.53 7.53 | 37.65 37.65 37.65 | |

A RIPORTARE mq        112.95        1901.15

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                           Foglio n.   74

FONDAZIONE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | A RIPORTARE mq | | 112.95 | 1901.15 |
| | | W–15 | m2 | 5.00 | 15.06 | 7.53 | 37.65 | |
| | | | | | | | | 150.60 |
| W–15 208.09 | W–16 223.11 | W–15 | m1 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–15 | m2 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | m1 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | W–16 | m2 | 5.00 | 15.02 | 7.51 | 37.55 | |
| | | | | | | | | 150.20 |
| W–16 223.11 | W–17 238.11 | W–16 | m1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–16 | m2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | m1 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | W–17 | m2 | 5.00 | 15.00 | 7.50 | 37.50 | |
| | | | | | | | | 150.00 |
| W–17 238.11 | W–18 256.13 | W–17 | m1 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–17 | m2 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | m1 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | W–18 | m2 | 5.00 | 18.02 | 9.01 | 45.05 | |
| | | | | | | | | 180.20 |
| W–18 256.13 | W–19 275.68 | W–18 | m1 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–18 | m2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | m1 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | W–19 | m2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | | | | | | | 195.60 |
| W–19 275.68 | W–20 290.80 | W–19 | m1 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–19 | m2 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–20 | m1 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | W–20 | m2 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | | | | | | | 150.74 |
| W–20 290.80 | W–21 305.80 | W–20 | m1 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–20 | m2 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–21 | m1 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | m2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | | | | | | | 147.00 |
| W–21 305.80 | W–22 320.80 | W–21 | m1 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–21 | m2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–22 | m1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | | | | | | | 163.81 |
| W–22 320.80 | W–23 335.80 | W–22 | m1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | W–23 | m1 | 11.50 | 15.00 | 7.50 | 86.25 | |
| | | | | | | | | 177.60 |
| W–23 335.80 | W–24 349.31 | W–23 | m1 | 11.50 | 13.51 | 6.75 | 77.63 | |
| | | W–24 | m1 | 10.86 | 13.51 | 6.75 | 73.30 | |
| | | | | | | | | 150.93 |
| W–24 349.31 | W–25 364.31 | W–24 | m1 | 10.86 | 15.00 | 7.50 | 81.45 | |
| | | W–25 | m1 | 10.16 | 15.00 | 7.50 | 76.20 | |
| | | | | | | | | 157.65 |
| W–25 364.31 | W–26 380.80 | W–25 | m1 | 10.16 | 16.49 | 8.25 | 83.82 | |
| | | W–26 | m1 | 9.43 | 16.49 | 8.25 | 77.80 | |
| | | | | | | | | 161.62 |
| W–26 380.80 | W–27 405.80 | W–26 | m1 | 9.43 | 25.00 | 12.50 | 117.88 | |
| | | W–27 | m1 | 9.00 | 25.00 | 12.50 | 112.50 | |
| | | | | | | | | 230.38 |
| | | | | | A RIPORTARE mq | | | 4067.48 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   75

FONDAZIONE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | | A RIPORTARE mq | | 4067.48 |
| W–27 | W–28 | W–27 | m1 | 9.00 | 19.18 | 9.59 | 86.31 | |
| 405.80 | 424.98 | W–28 | m1 | 9.00 | 19.18 | 9.59 | 86.31 | |
| | | | | | | | | 172.62 |
| W–28 | W–29 | W–28 | m1 | 9.00 | 15.00 | 7.50 | 67.50 | |
| 424.98 | 439.98 | W–29 | m1 | 9.00 | 15.00 | 7.50 | 67.50 | |
| | | | | | | | | 135.00 |
| W–29 | W–30 | W–29 | m1 | 9.00 | 15.01 | 7.50 | 67.50 | |
| 439.98 | 454.99 | W–30 | m1 | 9.00 | 15.01 | 7.50 | 67.50 | |
| | | | | | | | | 135.00 |
| W–30 | W–31 | W–30 | m1 | 9.00 | 15.02 | 7.51 | 67.59 | |
| 454.99 | 470.01 | W–31 | m1 | 9.00 | 15.02 | 7.51 | 67.59 | |
| | | | | | | | | 135.18 |
| W–31 | W–32 | W–31 | m1 | 9.00 | 15.05 | 7.53 | 67.77 | |
| 470.01 | 485.06 | W–32 | m1 | 9.00 | 15.05 | 7.53 | 67.77 | |
| | | | | | | | | 135.54 |
| W–32 | W–33 | W–32 | m1 | 9.00 | 18.14 | 9.07 | 81.63 | |
| 485.06 | 503.20 | W–33 | m1 | 9.00 | 18.14 | 9.07 | 81.63 | |
| | | | | | | | | 163.26 |
| W–33 | W–34 | W–33 | m1 | 9.00 | 14.00 | 7.00 | 63.00 | |
| 503.20 | 517.20 | W–34 | m1 | 8.98 | 14.00 | 7.00 | 62.86 | |
| | | | | | | | | 125.86 |
| W–34 | W–35 | W–34 | m1 | 8.98 | 13.60 | 6.80 | 61.06 | |
| 517.20 | 530.80 | W–35 | m1 | 8.83 | 13.60 | 6.80 | 60.04 | |
| | | | | | | | | 121.10 |
| W–35 | W–36 | W–35 | m1 | 8.83 | 15.00 | 7.50 | 66.22 | |
| 530.80 | 545.80 | W–36 | m1 | 8.49 | 15.00 | 7.50 | 63.68 | |
| | | | | | | | | 129.90 |
| W–36 | W–37 | W–36 | m1 | 8.49 | 15.00 | 7.50 | 63.68 | |
| 545.80 | 560.80 | W–37 | m1 | 8.15 | 15.00 | 7.50 | 61.13 | |
| | | | | | | | | 124.81 |
| W–37 | W–38 | W–37 | m1 | 8.15 | 18.07 | 9.04 | 73.68 | |
| 560.80 | 578.87 | W–38 | m1 | 8.00 | 18.07 | 9.04 | 72.32 | |
| | | | | | | | | 146.00 |
| W–38 | W–39 | W–38 | m1 | 8.00 | 5.00 | 2.50 | 20.00 | |
| 578.87 | 583.87 | W–39 | m1 | 8.00 | 5.00 | 2.50 | 20.00 | |
| | | | | | | | | 40.00 |

Il Direttore dei Lavori        L'Impresa

                                        TOTALE ARTICOLO            5631.75

| | | **Ponte sullo Stretto di Messina** |
| :--- | :--- | :--- |
| Stretto di Messina | EurolinK | PROGETTO DEFINITIVO |

| TABULATI MOVIMENTI MATERIA | Codice documento CS0135_F0.doc | Rev F0 | Data 20/06/2011 |
| :--- | :--- | :--- | :--- |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   76

COMPATTAMENTO

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| W–1 0.00 | W–2 18.60 | W–1 W–2 | q1 q1 | 8.00 8.05 | 18.60 18.60 | 9.30 9.30 | 74.40 74.87 | |
| | | | | | | | | 149.27 |
| W–2 18.60 | W–3 35.60 | W–2 W–3 | q1 q1 | 8.05 8.50 | 17.00 17.00 | 8.50 8.50 | 68.43 72.25 | |
| | | | | | | | | 140.68 |
| W–3 35.60 | W–4 52.59 | W–3 W–4 | q1 q1 | 8.50 9.23 | 16.99 16.99 | 8.50 8.50 | 72.25 78.45 | |
| | | | | | | | | 150.70 |
| W–4 52.59 | W–5 65.02 | W–4 W–5 | q1 q1 | 9.23 9.91 | 12.43 12.43 | 6.21 6.21 | 57.32 61.54 | |
| | | | | | | | | 118.86 |
| W–5 65.02 | W–6 80.02 | W–5 W–6 | q1 q1 | 9.91 10.22 | 15.00 15.00 | 7.50 7.50 | 74.33 76.65 | |
| | | | | | | | | 150.98 |
| W–6 80.02 | W–7 96.84 | W–6 W–7 | q1 q1 | 10.22 9.15 | 16.82 16.82 | 8.41 8.41 | 85.95 76.95 | |
| | | | | | | | | 162.90 |
| W–7 96.84 | W–8 115.05 | W–7 W–8 | q1 q1 | 9.15 7.38 | 18.21 18.21 | 9.10 9.10 | 83.27 67.16 | |
| | | | | | | | | 150.43 |
| W–8 115.05 | W–9 120.82 | W–8 W–9 | q1 q1 | 7.38 4.75 | 5.77 5.77 | 2.88 2.88 | 21.25 13.68 | |
| | | | | | | | | 34.93 |
| W–9 120.82 | W–10 135.83 | W–9 W–10 | q1 q1 | 4.75 4.92 | 15.01 15.01 | 7.51 7.51 | 35.67 36.95 | |
| | | | | | | | | 72.62 |
| W–10 135.83 | W–11 151.72 | W–10 W–11 | q1 q1 | 4.92 5.00 | 15.89 15.89 | 7.94 7.94 | 39.06 39.70 | |
| | | | | | | | | 78.76 |
| W–11 151.72 | W–12 166.72 | W–11 W–12 | q1 q1 | 5.00 5.00 | 15.00 15.00 | 7.50 7.50 | 37.50 37.50 | |
| | | | | | | | | 75.00 |
| W–12 166.72 | W–13 181.76 | W–12 W–13 | q1 q1 | 5.00 5.00 | 15.04 15.04 | 7.52 7.52 | 37.60 37.60 | |
| | | | | | | | | 75.20 |
| W–13 181.76 | W–14 193.03 | W–13 W–14 | q1 q1 | 5.00 3.08 | 11.27 11.27 | 5.64 5.64 | 28.20 17.37 | |
| | | | | | | | | 45.57 |
| W–14 193.03 | W–15 208.09 | W–14 W–15 | q1 q1 | 3.08 3.31 | 15.06 15.06 | 7.53 7.53 | 23.19 24.92 | |
| | | | | | | | | 48.11 |
| W–15 208.09 | W–16 223.11 | W–15 W–16 | q1 q1 | 3.31 4.03 | 15.02 15.02 | 7.51 7.51 | 24.86 30.27 | |
| | | | | | | | | 55.13 |
| W–16 223.11 | W–17 238.11 | W–16 W–17 | q1 q1 | 4.03 5.00 | 15.00 15.00 | 7.50 7.50 | 30.23 37.50 | |
| | | | | | | | | 67.73 |
| W–17 238.11 | W–18 256.13 | W–17 W–18 | q1 q1 | 5.00 5.00 | 18.02 18.02 | 9.01 9.01 | 45.05 45.05 | |
| | | | | | | | | 90.10 |
| W–18 256.13 | W–19 275.68 | W–18 W–19 | q1 q1 | 5.00 0.55 | 19.55 19.55 | 9.78 9.78 | 48.90 5.38 | |

                                              A RIPORTARE mq        54.28        1666.97

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI          Foglio n. 77

COMPATTAMENTO

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | A RIPORTARE mq | | 54.28 | 1666.97 |
| | | W–19 | q2 | 5.00 | 19.55 | 9.78 | 48.90 | |
| | | | | | | | | 103.18 |
| W–19 275.68 | W–20 290.80 | W–19 | q1 | 0.55 | 15.12 | 7.56 | 4.16 | |
| | | W–19 | q2 | 5.00 | 15.12 | 7.56 | 37.80 | |
| | | W–20 | q1 | 1.58 | 15.12 | 7.56 | 11.94 | |
| | | W–20 | q2 | 4.97 | 15.12 | 7.56 | 37.57 | |
| | | | | | | | | 91.47 |
| W–20 290.80 | W–21 305.80 | W–20 | q1 | 1.58 | 15.00 | 7.50 | 11.85 | |
| | | W–20 | q2 | 4.97 | 15.00 | 7.50 | 37.27 | |
| | | W–21 | q1 | 2.45 | 15.00 | 7.50 | 18.38 | |
| | | W–21 | q2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | | | | | | | 103.73 |
| W–21 305.80 | W–22 320.80 | W–21 | q1 | 2.45 | 15.00 | 7.50 | 18.38 | |
| | | W–21 | q2 | 4.83 | 15.00 | 7.50 | 36.23 | |
| | | W–22 | q1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | | | | | | | 145.96 |
| W–22 320.80 | W–23 335.80 | W–22 | q1 | 12.18 | 15.00 | 7.50 | 91.35 | |
| | | W–23 | q1 | 11.50 | 15.00 | 7.50 | 86.25 | |
| | | | | | | | | 177.60 |
| W–23 335.80 | W–24 349.31 | W–23 | q1 | 11.50 | 13.51 | 6.75 | 77.63 | |
| | | W–24 | q1 | 10.86 | 13.51 | 6.75 | 73.30 | |
| | | | | | | | | 150.93 |
| W–24 349.31 | W–25 364.31 | W–24 | q1 | 10.86 | 15.00 | 7.50 | 81.45 | |
| | | W–25 | q1 | 10.16 | 15.00 | 7.50 | 76.20 | |
| | | | | | | | | 157.65 |
| W–25 364.31 | W–26 380.80 | W–25 | q1 | 10.16 | 16.49 | 8.25 | 83.82 | |
| | | W–26 | q1 | 9.43 | 16.49 | 8.25 | 77.80 | |
| | | | | | | | | 161.62 |
| W–26 380.80 | W–27 405.80 | W–26 | q1 | 9.43 | 25.00 | 12.50 | 117.88 | |
| | | W–27 | q1 | 9.00 | 25.00 | 12.50 | 112.50 | |
| | | | | | | | | 230.38 |
| W–27 405.80 | W–28 424.98 | W–27 | q1 | 9.00 | 19.18 | 9.59 | 86.31 | |
| | | W–28 | q1 | 9.00 | 19.18 | 9.59 | 86.31 | |
| | | | | | | | | 172.62 |
| W–28 424.98 | W–29 439.98 | W–28 | q1 | 9.00 | 15.00 | 7.50 | 67.50 | |
| | | W–29 | q1 | 9.00 | 15.00 | 7.50 | 67.50 | |
| | | | | | | | | 135.00 |
| W–29 439.98 | W–30 454.99 | W–29 | q1 | 9.00 | 15.01 | 7.50 | 67.50 | |
| | | W–30 | q1 | 9.00 | 15.01 | 7.50 | 67.50 | |
| | | | | | | | | 135.00 |
| W–30 454.99 | W–31 470.01 | W–30 | q1 | 9.00 | 15.02 | 7.51 | 67.59 | |
| | | W–31 | q1 | 9.00 | 15.02 | 7.51 | 67.59 | |
| | | | | | | | | 135.18 |
| W–31 470.01 | W–32 485.06 | W–31 | q1 | 9.00 | 15.05 | 7.53 | 67.77 | |
| | | W–32 | q1 | 9.00 | 15.05 | 7.53 | 67.77 | |
| | | | | | | | | 135.54 |
| W–32 485.06 | W–33 503.20 | W–32 | q1 | 9.00 | 18.14 | 9.07 | 81.63 | |
| | | W–33 | q1 | 9.00 | 18.14 | 9.07 | 81.63 | |
| | | | | | | | | 163.26 |
| W–33 503.20 | W–34 517.20 | W–33 | q1 | 9.00 | 14.00 | 7.00 | 63.00 | |
| | | W–34 | q1 | 8.98 | 14.00 | 7.00 | 62.86 | |
| | | | | | A RIPORTARE mq | | 125.86 | 3991.95 |

**Ponte sullo Stretto di Messina**
PROGETTO DEFINITIVO

TABULATI MOVIMENTI MATERIA

Codice documento
CS0135_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   78

COMPATTAMENTO

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | A RIPORTARE mq | | 125.86 | 3991.95 |
| | | | | | | | | 125.86 |
| W–34 | W–35 | W–34 | q1 | 8.98 | 13.60 | 6.80 | 61.06 | |
| 517.20 | 530.80 | W–35 | q1 | 8.83 | 13.60 | 6.80 | 60.04 | |
| | | | | | | | | 121.10 |
| W–35 | W–36 | W–35 | q1 | 8.83 | 15.00 | 7.50 | 66.22 | |
| 530.80 | 545.80 | W–36 | q1 | 8.49 | 15.00 | 7.50 | 63.68 | |
| | | | | | | | | 129.90 |
| W–36 | W–37 | W–36 | q1 | 8.49 | 15.00 | 7.50 | 63.68 | |
| 545.80 | 560.80 | W–37 | q1 | 8.15 | 15.00 | 7.50 | 61.13 | |
| | | | | | | | | 124.81 |
| W–37 | W–38 | W–37 | q1 | 8.15 | 18.07 | 9.04 | 73.68 | |
| 560.80 | 578.87 | W–38 | q1 | 8.00 | 18.07 | 9.04 | 72.32 | |
| | | | | | | | | 146.00 |
| W–38 | W–39 | W–38 | q1 | 8.00 | 5.00 | 2.50 | 20.00 | |
| 578.87 | 583.87 | W–39 | q1 | 8.00 | 5.00 | 2.50 | 20.00 | |
| | | | | | | | | 40.00 |

Il Direttore dei Lavori          L'Impresa

TOTALE ARTICOLO                   4553.76

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                    Foglio n.   79

MARCIAPIEDE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| W-1 0.00 | W-2 18.60 | W-1 | t2 | 3.00 | 18.60 | 9.30 | 27.90 | |
| | | W-1 | t1 | 9.87 | 18.60 | 9.30 | 91.79 | |
| | | W-2 | t2 | 2.98 | 18.60 | 9.30 | 27.71 | |
| | | W-2 | t1 | 13.97 | 18.60 | 9.30 | 129.92 | |
| | | | | | | | | 277.32 |
| W-2 18.60 | W-3 35.60 | W-2 | t2 | 2.98 | 17.00 | 8.50 | 25.33 | |
| | | W-2 | t1 | 13.97 | 17.00 | 8.50 | 118.75 | |
| | | W-3 | t2 | 2.79 | 17.00 | 8.50 | 23.72 | |
| | | W-3 | t1 | 7.96 | 17.00 | 8.50 | 67.66 | |
| | | | | | | | | 235.46 |
| W-3 35.60 | W-4 52.59 | W-3 | t2 | 2.79 | 16.99 | 8.50 | 23.72 | |
| | | W-3 | t1 | 7.96 | 16.99 | 8.50 | 67.66 | |
| | | W-4 | t2 | 2.82 | 16.99 | 8.50 | 23.97 | |
| | | W-4 | t1 | 8.09 | 16.99 | 8.50 | 68.77 | |
| | | | | | | | | 184.12 |
| W-4 52.59 | W-5 65.02 | W-4 | t2 | 2.82 | 12.43 | 6.21 | 17.51 | |
| | | W-4 | t1 | 8.09 | 12.43 | 6.21 | 50.24 | |
| | | W-5 | t2 | 3.16 | 12.43 | 6.21 | 19.62 | |
| | | W-5 | t1 | 8.01 | 12.43 | 6.21 | 49.74 | |
| | | | | | | | | 137.11 |
| W-5 65.02 | W-6 80.02 | W-5 | t2 | 3.16 | 15.00 | 7.50 | 23.70 | |
| | | W-5 | t1 | 8.01 | 15.00 | 7.50 | 60.07 | |
| | | W-6 | t2 | 3.43 | 15.00 | 7.50 | 25.73 | |
| | | W-6 | t1 | 7.60 | 15.00 | 7.50 | 57.00 | |
| | | | | | | | | 166.50 |
| W-6 80.02 | W-7 96.84 | W-6 | t2 | 3.43 | 16.82 | 8.41 | 28.85 | |
| | | W-6 | t1 | 7.60 | 16.82 | 8.41 | 63.92 | |
| | | W-7 | t2 | 3.49 | 16.82 | 8.41 | 29.35 | |
| | | W-7 | t1 | 6.72 | 16.82 | 8.41 | 56.52 | |
| | | | | | | | | 178.64 |
| W-7 96.84 | W-8 115.05 | W-7 | t2 | 3.49 | 18.21 | 9.10 | 31.76 | |
| | | W-7 | t1 | 6.72 | 18.21 | 9.10 | 61.15 | |
| | | W-8 | t3 | 3.50 | 18.21 | 9.10 | 31.85 | |
| | | W-8 | t1 | 5.45 | 18.21 | 9.10 | 49.59 | |
| | | W-8 | t2 | 0.00 | 18.21 | 9.10 | 0.00 | |
| | | | | | | | | 174.35 |
| W-8 115.05 | W-9 120.82 | W-8 | t3 | 3.50 | 5.77 | 2.88 | 10.08 | |
| | | W-8 | t1 | 5.45 | 5.77 | 2.88 | 15.70 | |
| | | W-8 | t2 | 0.00 | 5.77 | 2.88 | 0.00 | |
| | | W-9 | t2 | 3.67 | 5.77 | 2.88 | 10.57 | |
| | | W-9 | t1 | 7.28 | 5.77 | 2.88 | 20.97 | |
| | | | | | | | | 57.32 |
| W-9 120.82 | W-10 135.83 | W-9 | t2 | 3.67 | 15.01 | 7.51 | 27.56 | |
| | | W-9 | t1 | 7.28 | 15.01 | 7.51 | 54.67 | |
| | | W-10 | t2 | 4.25 | 15.01 | 7.51 | 31.92 | |
| | | W-10 | t1 | 9.30 | 15.01 | 7.51 | 69.84 | |
| | | | | | | | | 183.99 |
| W-10 135.83 | W-11 151.72 | W-10 | t2 | 4.25 | 15.89 | 7.94 | 33.75 | |
| | | W-10 | t1 | 9.30 | 15.89 | 7.94 | 73.84 | |
| | | W-11 | t2 | 4.93 | 15.89 | 7.94 | 39.14 | |
| | | W-11 | t1 | 8.95 | 15.89 | 7.94 | 71.06 | |
| | | | | | | | | 217.79 |
| W-11 | W-12 | W-11 | t2 | 4.93 | 15.00 | 7.50 | 36.97 | |

A RIPORTARE mq            36.97       1812.60

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                        Foglio n.   80

MARCIAPIEDE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | | A RIPORTARE mq | 36.97 | 1812.60 |
| 151.72 | 166.72 | W–11 | t1 | 8.95 | 15.00 | 7.50 | 67.13 | |
| | | W–12 | t2 | 5.49 | 15.00 | 7.50 | 41.18 | |
| | | W–12 | t1 | 9.34 | 15.00 | 7.50 | 70.05 | |
| | | | | | | | | 215.33 |
| W–12 | W–13 | W–12 | t2 | 5.49 | 15.04 | 7.52 | 41.28 | |
| 166.72 | 181.76 | W–12 | t1 | 9.34 | 15.04 | 7.52 | 70.24 | |
| | | W–13 | t2 | 5.84 | 15.04 | 7.52 | 43.92 | |
| | | W–13 | t1 | 10.45 | 15.04 | 7.52 | 78.58 | |
| | | | | | | | | 234.02 |
| W–13 | W–14 | W–13 | t2 | 5.84 | 11.27 | 5.64 | 32.94 | |
| 181.76 | 193.03 | W–13 | t1 | 10.45 | 11.27 | 5.64 | 58.94 | |
| | | W–14 | t2 | 5.97 | 11.27 | 5.64 | 33.67 | |
| | | W–14 | t1 | 11.76 | 11.27 | 5.64 | 66.33 | |
| | | | | | | | | 191.88 |
| W–14 | W–15 | W–14 | t2 | 5.97 | 15.06 | 7.53 | 44.95 | |
| 193.03 | 208.09 | W–14 | t1 | 11.76 | 15.06 | 7.53 | 88.55 | |
| | | W–15 | t2 | 5.96 | 15.06 | 7.53 | 44.88 | |
| | | W–15 | t1 | 10.82 | 15.06 | 7.53 | 81.47 | |
| | | | | | | | | 259.85 |
| W–15 | W–16 | W–15 | t2 | 5.96 | 15.02 | 7.51 | 44.76 | |
| 208.09 | 223.11 | W–15 | t1 | 10.82 | 15.02 | 7.51 | 81.26 | |
| | | W–16 | t2 | 5.74 | 15.02 | 7.51 | 43.11 | |
| | | W–16 | t1 | 9.44 | 15.02 | 7.51 | 70.89 | |
| | | | | | | | | 240.02 |
| W–16 | W–17 | W–16 | t2 | 5.74 | 15.00 | 7.50 | 43.05 | |
| 223.11 | 238.11 | W–16 | t1 | 9.44 | 15.00 | 7.50 | 70.80 | |
| | | W–17 | t2 | 5.33 | 15.00 | 7.50 | 39.98 | |
| | | W–17 | t1 | 8.78 | 15.00 | 7.50 | 65.85 | |
| | | | | | | | | 219.68 |
| W–17 | W–18 | W–17 | t2 | 5.33 | 18.02 | 9.01 | 48.02 | |
| 238.11 | 256.13 | W–17 | t1 | 8.78 | 18.02 | 9.01 | 79.11 | |
| | | W–18 | t2 | 4.56 | 18.02 | 9.01 | 41.09 | |
| | | W–18 | t1 | 8.86 | 18.02 | 9.01 | 79.83 | |
| | | | | | | | | 248.05 |
| W–18 | W–19 | W–18 | t2 | 4.56 | 19.55 | 9.78 | 44.60 | |
| 256.13 | 275.68 | W–18 | t1 | 8.86 | 19.55 | 9.78 | 86.65 | |
| | | W–19 | t2 | 3.70 | 19.55 | 9.78 | 36.19 | |
| | | W–19 | t1 | 4.45 | 19.55 | 9.78 | 43.52 | |
| | | | | | | | | 210.96 |
| W–19 | W–20 | W–19 | t2 | 3.70 | 15.12 | 7.56 | 27.97 | |
| 275.68 | 290.80 | W–19 | t1 | 4.45 | 15.12 | 7.56 | 33.64 | |
| | | W–20 | t2 | 3.13 | 15.12 | 7.56 | 23.66 | |
| | | W–20 | t1 | 5.07 | 15.12 | 7.56 | 38.33 | |
| | | | | | | | | 123.60 |
| W–20 | W–21 | W–20 | t2 | 3.13 | 15.00 | 7.50 | 23.47 | |
| 290.80 | 305.80 | W–20 | t1 | 5.07 | 15.00 | 7.50 | 38.03 | |
| | | W–21 | t2 | 2.68 | 15.00 | 7.50 | 20.10 | |
| | | W–21 | t1 | 5.80 | 15.00 | 7.50 | 43.50 | |
| | | | | | | | | 125.10 |
| W–21 | W–22 | W–21 | t2 | 2.68 | 15.00 | 7.50 | 20.10 | |
| 305.80 | 320.80 | W–21 | t1 | 5.80 | 15.00 | 7.50 | 43.50 | |
| | | | | | | A RIPORTARE mq | 63.60 | 3881.09 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI        Foglio n.  81

MARCIAPIEDE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | A RIPORTARE mq | | 63.60 | 3881.09 |
| | | W–22 | t2 | 2.32 | 15.00 | 7.50 | 17.40 | |
| | | W–22 | t1 | 6.63 | 15.00 | 7.50 | 49.73 | |
| | | | | | | | | 130.73 |
| W–22 320.80 | W–23 335.80 | W–22 | t2 | 2.32 | 15.00 | 7.50 | 17.40 | |
| | | W–22 | t1 | 6.63 | 15.00 | 7.50 | 49.73 | |
| | | W–23 | t2 | 2.09 | 15.00 | 7.50 | 15.67 | |
| | | W–23 | t1 | 7.54 | 15.00 | 7.50 | 56.55 | |
| | | | | | | | | 139.35 |
| W–23 335.80 | W–24 349.31 | W–23 | t2 | 2.09 | 13.51 | 6.75 | 14.11 | |
| | | W–23 | t1 | 7.54 | 13.51 | 6.75 | 50.90 | |
| | | W–24 | t2 | 1.91 | 13.51 | 6.75 | 12.89 | |
| | | W–24 | t1 | 8.35 | 13.51 | 6.75 | 56.36 | |
| | | | | | | | | 134.26 |
| W–24 349.31 | W–25 364.31 | W–24 | t2 | 1.91 | 15.00 | 7.50 | 14.32 | |
| | | W–24 | t1 | 8.35 | 15.00 | 7.50 | 62.63 | |
| | | W–25 | t2 | 2.01 | 15.00 | 7.50 | 15.07 | |
| | | W–25 | t1 | 9.24 | 15.00 | 7.50 | 69.30 | |
| | | | | | | | | 161.32 |
| W–25 364.31 | W–26 380.80 | W–25 | t2 | 2.01 | 16.49 | 8.25 | 16.58 | |
| | | W–25 | t1 | 9.24 | 16.49 | 8.25 | 76.23 | |
| | | W–26 | t2 | 2.35 | 16.49 | 8.25 | 19.39 | |
| | | W–26 | t1 | 10.18 | 16.49 | 8.25 | 83.98 | |
| | | | | | | | | 196.18 |
| W–26 380.80 | W–27 405.80 | W–26 | t2 | 2.35 | 25.00 | 12.50 | 29.38 | |
| | | W–26 | t1 | 10.18 | 25.00 | 12.50 | 127.25 | |
| | | W–27 | t2 | 2.52 | 25.00 | 12.50 | 31.50 | |
| | | W–27 | t1 | 4.71 | 25.00 | 12.50 | 58.88 | |
| | | | | | | | | 247.01 |
| W–27 405.80 | W–28 424.98 | W–27 | t2 | 2.52 | 19.18 | 9.59 | 24.17 | |
| | | W–27 | t1 | 4.71 | 19.18 | 9.59 | 45.17 | |
| | | W–28 | t2 | 2.50 | 19.18 | 9.59 | 23.98 | |
| | | W–28 | t1 | 5.02 | 19.18 | 9.59 | 48.14 | |
| | | | | | | | | 141.46 |
| W–28 424.98 | W–29 439.98 | W–28 | t2 | 2.50 | 15.00 | 7.50 | 18.75 | |
| | | W–28 | t1 | 5.02 | 15.00 | 7.50 | 37.65 | |
| | | W–29 | t2 | 2.50 | 15.00 | 7.50 | 18.75 | |
| | | W–29 | t1 | 4.99 | 15.00 | 7.50 | 37.43 | |
| | | | | | | | | 112.58 |
| W–29 439.98 | W–30 454.99 | W–29 | t2 | 2.50 | 15.01 | 7.50 | 18.75 | |
| | | W–29 | t1 | 4.99 | 15.01 | 7.50 | 37.43 | |
| | | W–30 | t2 | 2.50 | 15.01 | 7.50 | 18.75 | |
| | | W–30 | t1 | 4.67 | 15.01 | 7.50 | 35.02 | |
| | | | | | | | | 109.95 |
| W–30 454.99 | W–31 470.01 | W–30 | t2 | 2.50 | 15.02 | 7.51 | 18.77 | |
| | | W–30 | t1 | 4.67 | 15.02 | 7.51 | 35.07 | |
| | | W–31 | t2 | 2.50 | 15.02 | 7.51 | 18.77 | |
| | | W–31 | t1 | 4.31 | 15.02 | 7.51 | 32.37 | |
| | | | | | | | | 104.98 |
| W–31 470.01 | W–32 485.06 | W–31 | t2 | 2.50 | 15.05 | 7.53 | 18.82 | |
| | | W–31 | t1 | 4.31 | 15.05 | 7.53 | 32.45 | |
| | | W–32 | t2 | 2.50 | 15.05 | 7.53 | 18.82 | |
| | | | | | A RIPORTARE mq | | 70.09 | 5358.91 |

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                                        Foglio n.   82

MARCIAPIEDE

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| | | | | | | A RIPORTARE mq | 70.09 | 5358.91 |
| | | W–32 | t1 | 4.14 | 15.05 | 7.53 | 31.17 | |
| | | | | | | | | 101.26 |
| W–32 | W–33 | W–32 | t2 | 2.50 | 18.14 | 9.07 | 22.68 | |
| 485.06 | 503.20 | W–32 | t1 | 4.14 | 18.14 | 9.07 | 37.55 | |
| | | W–33 | t2 | 2.50 | 18.14 | 9.07 | 22.68 | |
| | | W–33 | t1 | 3.94 | 18.14 | 9.07 | 35.74 | |
| | | | | | | | | 118.65 |
| W–33 | W–34 | W–33 | t2 | 2.50 | 14.00 | 7.00 | 17.50 | |
| 503.20 | 517.20 | W–33 | t1 | 3.94 | 14.00 | 7.00 | 27.58 | |
| | | W–34 | t2 | 2.51 | 14.00 | 7.00 | 17.57 | |
| | | W–34 | t1 | 3.79 | 14.00 | 7.00 | 26.53 | |
| | | | | | | | | 89.18 |
| W–34 | W–35 | W–34 | t2 | 2.51 | 13.60 | 6.80 | 17.07 | |
| 517.20 | 530.80 | W–34 | t1 | 3.79 | 13.60 | 6.80 | 25.77 | |
| | | W–35 | t2 | 2.57 | 13.60 | 6.80 | 17.48 | |
| | | W–35 | t1 | 3.79 | 13.60 | 6.80 | 25.77 | |
| | | | | | | | | 86.09 |
| W–35 | W–36 | W–35 | t2 | 2.57 | 15.00 | 7.50 | 19.27 | |
| 530.80 | 545.80 | W–35 | t1 | 3.79 | 15.00 | 7.50 | 28.43 | |
| | | W–36 | t2 | 2.75 | 15.00 | 7.50 | 20.63 | |
| | | W–36 | t1 | 3.88 | 15.00 | 7.50 | 29.10 | |
| | | | | | | | | 97.43 |
| W–36 | W–37 | W–36 | t2 | 2.75 | 15.00 | 7.50 | 20.63 | |
| 545.80 | 560.80 | W–36 | t1 | 3.88 | 15.00 | 7.50 | 29.10 | |
| | | W–37 | t2 | 2.94 | 15.00 | 7.50 | 22.05 | |
| | | W–37 | t1 | 3.92 | 15.00 | 7.50 | 29.40 | |
| | | | | | | | | 101.18 |
| W–37 | W–38 | W–37 | t2 | 2.94 | 18.07 | 9.04 | 26.58 | |
| 560.80 | 578.87 | W–37 | t1 | 3.92 | 18.07 | 9.04 | 35.44 | |
| | | W–38 | t2 | 2.60 | 18.07 | 9.04 | 23.50 | |
| | | W–38 | t1 | 3.87 | 18.07 | 9.04 | 34.98 | |
| | | | | | | | | 120.50 |
| W–38 | W–39 | W–38 | t2 | 2.60 | 5.00 | 2.50 | 6.50 | |
| 578.87 | 583.87 | W–38 | t1 | 3.87 | 5.00 | 2.50 | 9.68 | |
| | | W–39 | t2 | 2.60 | 5.00 | 2.50 | 6.50 | |
| | | W–39 | t1 | 2.60 | 5.00 | 2.50 | 6.50 | |
| | | | | | | | | 29.18 |

Il Direttore dei Lavori          L'Impresa

TOTALE ARTICOLO                6102.38

COLLEGAMENTI VERSANTE CALABRIA – ASSE W

COMPUTO DI SUPERFICI                          Foglio n.   83

SPARTITRAFFICO

| DALLA SEZ. DA PROG. | ALLA SEZ. A PROG. | SEZIONE | FIGURA | LUNGHEZZA | DISTANZA SEZIONI ml | DISTANZA DI CALCOLO ml | AREA PARZIALE mq | AREA TOTALE mq |
|---|---|---|---|---|---|---|---|---|
| W–8 | W–9 | W–9 | u1 | 3.00 | 5.77 | 2.88 | 8.64 | |
| | | | | | | | | 8.64 |
| W–9 120.82 | W–10 135.83 | W–9 W–10 | u1 u1 | 3.00 3.00 | 15.01 15.01 | 7.51 7.51 | 22.53 22.53 | |
| | | | | | | | | 45.06 |
| W–10 135.83 | W–11 151.72 | W–10 W–11 | u1 u1 | 3.00 3.00 | 15.89 15.89 | 7.94 7.94 | 23.82 23.82 | |
| | | | | | | | | 47.64 |
| W–11 151.72 | W–12 166.72 | W–11 W–12 | u1 u1 | 3.00 3.00 | 15.00 15.00 | 7.50 7.50 | 22.50 22.50 | |
| | | | | | | | | 45.00 |
| W–12 166.72 | W–13 181.76 | W–12 W–13 | u1 u1 | 3.00 3.00 | 15.04 15.04 | 7.52 7.52 | 22.56 22.56 | |
| | | | | | | | | 45.12 |
| W–13 181.76 | W–14 193.03 | W–13 W–14 | u1 u1 | 3.00 3.00 | 11.27 11.27 | 5.64 5.64 | 16.92 16.92 | |
| | | | | | | | | 33.84 |
| W–14 193.03 | W–15 208.09 | W–14 W–15 | u1 u1 | 3.00 3.00 | 15.06 15.06 | 7.53 7.53 | 22.59 22.59 | |
| | | | | | | | | 45.18 |
| W–15 208.09 | W–16 223.11 | W–15 W–16 | u1 u1 | 3.00 3.00 | 15.02 15.02 | 7.51 7.51 | 22.53 22.53 | |
| | | | | | | | | 45.06 |
| W–16 223.11 | W–17 238.11 | W–16 W–17 | u1 u1 | 3.00 3.00 | 15.00 15.00 | 7.50 7.50 | 22.50 22.50 | |
| | | | | | | | | 45.00 |
| W–17 238.11 | W–18 256.13 | W–17 W–18 | u1 u1 | 3.00 3.00 | 18.02 18.02 | 9.01 9.01 | 27.03 27.03 | |
| | | | | | | | | 54.06 |
| W–18 256.13 | W–19 275.68 | W–18 W–19 | u1 u1 | 3.00 3.00 | 19.55 19.55 | 9.78 9.78 | 29.34 29.34 | |
| | | | | | | | | 58.68 |
| W–19 275.68 | W–20 290.80 | W–19 W–20 | u1 u1 | 3.00 3.00 | 15.12 15.12 | 7.56 7.56 | 22.68 22.68 | |
| | | | | | | | | 45.36 |
| W–20 290.80 | W–21 305.80 | W–20 W–21 | u1 u1 | 3.00 3.00 | 15.00 15.00 | 7.50 7.50 | 22.50 22.50 | |
| | | | | | | | | 45.00 |
| W–21 | W–22 | W–21 | u1 | 3.00 | 15.00 | 7.50 | 22.50 | |
| | | | | | | | | 22.50 |

Il Direttore dei Lavori          L'Impresa

TOTALE ARTICOLO          586.14

```
COLLEGAMENTI VERSANTE CALABRIA – ASSE W

                    COMPUTO DEI VOLUMI                      Foglio n.   84

   Volume dalla sezione  W-1 alla sezione W-39

   ARTICOLO                                         VOLUME

   STERRO                                    mc     2708.290
   RIPORTO                                   mc    11100.330
   USURA                                     mq     5631.75
   BINDER                                    mq     5631.75
   BASE                                      mq     5631.75
   MISTO CEMENTATO                           mq     5631.75
   FONDAZIONE                                mq     5631.75
   COMPATTAMENTO                             mq     4553.76
   MARCIAPIEDE                               mq     6102.38
   SPARTITRAFFICO                            mq      586.14
```